

**Institute of Pharmaceutical Sciences  
Guru Ghasidas Vishwavidyalaya- Bilaspur (C.G.)**

1. Name of the Department: **SLT Institute of Pharmaceutical Sciences, GGV**
2. Year of establishment: **1997**
3. Is the Department part of a School/Faculty of the university? Yes i.e. School of Pharmaceutical Sciences
4. Names of Programmes/ Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):
  - a. Diploma in Pharmacy
  - b. Bachelor in Pharmacy
  - c. Master of Pharmacy in the specialization of Pharmacology, Pharmaceutical Chemistry, Pharmaceutics
  - d. Ph.D.
5. Interdisciplinary courses and departments involved: N.A.
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: N.A.
7. Details of programmes / courses discontinued, if any, with reasons: N.A.
8. Annual/ Semester/Choice Based Credit System: **Semester System** (But D. Pharm. on yearly pattern).
9. Participation of the department in the courses offered by other departments: **Yes**
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):

<b>Position</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Actual (Including CAS &amp; MPS)</b>
<b>Teaching</b>			
Professor	05	02	02
Associate Professor	08	06	06
Assistant Professor	23	21	21

11. Faculty profile with name, qualification, designation and specialization (D.Sc./D.Litt./

Ph.D./M.Phil., etc.)

<b>Name</b>	<b>Qualification</b>	<b>Designation</b>	<b>Specialization</b>	<b>No. of Years of Experience</b>	<b>No. of Ph.D. students guided for the last 4 years</b>
Dr. J. S. Dangi	M. Pharm., Ph.D., FIC	Professor	Pharmaceutics	34	06
Dr. V.D. Rangari	M. Pharm, PhD	Professor	Pharmacognosy	24	--
Dr. Alpana Ram	M. Pharm., Ph.D.	Associate Professor	Pharmaceutics	24	03
Dr. Sanmati. K. Jain	M. Pharm., Ph.D.	Associate Professor	Pharm. Chemistry	13	01
Dr.(Mrs.)Bharti Ahirwar	M. Pharm, PhD	Associate Professor	Pharmacognosy	14	-
Dr. K.P. Namdeo	M. Pharm, PhD	Associate Professor	Pharm. Chemistry	16	02
Dr. S. H. Bodkhe	M. Pharm., Ph.D.	Associate Professor	Pharmacology	16	-
Dr. D. K. Pal	M. Pharm, PhD	Associate Professor	Pharm. Chemistry	13	-
Mrs. Neeli Rose Beck.	M. Pharm	Assistant Professor	Pharmacognosy	10	-
Dr. Sanjay K. Lanjhiyana	M. Pharm., Ph.D.	Assistant Professor	Pharmaceutics	10	-
Dr. P. K. Samal	M.Pharm	Assistant Professor	Pharmacology	08	-
Mr. K.P. Meena	M. Pharm.	Assistant Professor	Pharmaceutics	08	-
Mr. Manoj Kumar	M. Pharm.	Assistant Professor	Pharmaceutics	10	-
Dr. Harish Rajak	M. Pharm, PhD	Assistant Professor	Pharm. Chemistry	10	-
Dr. R.S. Pandey	M. Pharm., Ph.D.	Assistant Professor	Pharm. Biotech.	09	-
Mrs. Minakshi Jaiswal	M. Pharm	Assistant Professor	Pharm. Chemistry	07	-
Dr. Sunil K. Jain	M. Pharm., Ph.D.	Assistant Professor	Pharmaceutics	09	-
Dr. Jagadish Singh	M. Pharm, PhD	Assistant Professor	Pharm. Chemistry	2.5	-
Mrs. Shivani Rai	M. Pharm.	Assistant Professor	Pharmaceutics	04	-
Dr. Arjun Patra	M. Pharm, PhD	Assistant Professor	Pharmacognosy	9.5	-

Dr. Vivekananda Mandal	M. Pharm, PhD	Assistant Professor	Pharmacognosy	3.5	-
Dr. P. P. Roy	M. Pharm, PhD., PostDoc	Assistant Professor	Pharm. Chemistry	1.5	-
*Dr. Dinesh Mishra	M. Pharm., Ph.D.	Assistant Professor	Pharmaceutics	05	-
Dr. K. Kesavan	M. Pharm., Ph.D.	Assistant Professor	Pharmaceutics	02	-
Dr. Sanjay K. Bharti	M. Pharm., Ph.D.	Assistant Professor	Pharm. Chemistry	03	-
*Dr. R. R. Ugale	M. Pharm., Ph.D.	Assistant Professor	Pharmacology	10	-
Dr. Suresh Thareja	M. Pharm, PhD	Assistant Professor	Pharm. Chemistry	01	-
Dr. N. S. Jain	M. Pharm., Ph.D.	Assistant Professor	Pharmacology	10.5	-
Dr. Akhilesh Jain	M. Pharm., Ph.D.	Assistant Professor	Pharmaceutics	07	-
**Mr KC Patra	M. Pharm.	Assistant Professor	Pharmacognosy	02	-
**Mr Pramod K Dewangan	M. Pharm., Ph.D.	Assistant Professor	Pharm. Chemistry	01	-
**Mr Brijesh Singh	M. Pharm.	Assistant Professor	Pharm. Chemistry	01	-
**Mr Md Shah Faisal	M. Pharm.	Assistant Professor	Pharmaceutics	01	-
**Mr Akhlaquer Rahman	M. Pharm.	Assistant Professor	Pharm. Chemistry	01	-
**Mr Debapriya Garabadu	M. Pharm.	Assistant Professor	Pharmacology	01	-
**Mr Mrityunjay Kundu	M. Pharm.	Assistant Professor	Pharm. Chemistry	01	-
**Mr Suredra K Pareta	M. Pharm.	Assistant Professor	Pharmacology	02	-
**Mr Rajarshree Biswas	M. Pharm.	Assistant Professor	Pharm. Chemistry	01	-
**Mr Ranjeet K Harwansh	M. Pharm.	Assistant Professor	Pharmaceutics	02	-
**Mrs Savita Chadhar	M. Pharm.	Assistant Professor	Pharmaceutics	01	-

\*Dr Dinesh Mishra: Joined on 03.01.2012, left on 16.07.2013 & \*Dr. R. R. Ugale Joined on 12.01.2012, left on 21.10.2013 as permanent teacher in the department.

\*\*Mr KC Patra: Joined on 28.08.09 & left on 30.06.10, again joined on 08.08.11 to 30.05.12, again joined on 02.08.12 to 30.06.13; Mr Pramod Dewangan joined on 27.08.09 & left on 30.06.10; Mr Brijesh Singh joined on 03.09.09 & left on 30.06.10; Mr Md Shah Faisal joined on

26.08.09 & left on 30.06.10; Mr Akhlaquer Rahman joined on 26.08.09 & left on 30.06.10; Mr Debapriya Garabadu joined on 26.08.09 & left on 30.06.10; Mr Mrityunjay Kundu joined on 27.08.09 & left on 30.06.10; Mr Suredra K Pareta 27.08.09 & left on 30.06.10, again joined on 08.08.11 & left on 14.05.12; Mr Rajarshree Biswas 29.08.09 & left on 30.06.10; Mr Ranjeet K Harwansh 25.08.09 & left on 30.06.10, and again joined on 08.08.11 to 30.05.12; Mrs Savita Chadhar joined on 01.08.12 to 25.12.12 as ad-hoc teachers in the department.

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

<b>Name of visiting/ adjunct faculty</b>	<b>Designation</b>
Prof. P.C. Dandia	Emeritus Professor
Dr. Subhas Pandey	Vice-President, Glenmark Pharmaceutical, Mumbai
Dr. M. D. Burande	Director, IPER, Pune
Dr. B. Mishra	Professor, BHU, Varanasi
Dr. S.H. Ansari	Professor, Jamia Hamdard, New Delhi
Prof. B. Suresh	President, PCI, NewDelhi
Prof. B. G. Shivananda	Director, Al-Ameen COP, Bangalore
Prof. B. N. Sinha	Professor, BITS Mesra, Ranchi.
Prof. S. N.Umathe	Professor, Nagpur University

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

<b>Programme</b>	<b>Percent of classes taken by ad-hoc faculty</b>
D. Pharm.	20%
B. Pharm.	10%
M.Pharm.	No

14. Programme-wise Student Teacher Ratio

<b>Programme</b>	<b>Students teacher ratio</b>
D. Pharm.	1:15
B. Pharm.	1:16
M.Pharm.	1:12
Ph.D.	As per norms

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

<b>Position</b>	<b>Sanctioned</b>	<b>Filled</b>	<b>Vacant/Required</b>
<b>Technical</b>			
Technical Assistant (Grade-1)	N.A.	N.A.	04
Lab Technician	N.A.	02	10
Lab Assistant	N.A.	02	04
Computer Operator	N.A.	N.A.	02
Gardner	N.A.	N.A.	02
Animal House Care	N.A.	N.A.	02

taker			
Lab Attendant	N.A.	04	10
<b>Non-Teaching</b>			
Office Superintendent	N.A.	01	Nil
Clerks		03	Nil
Office Assistant	N.A.	01	02
Store Keeper	N.A.	01	01
Accountant	N.A.	N.A.	01

16. Research thrust areas recognized by funding agencies:

<b>Thrust areas</b>	<b>Funding agencies</b>
Ethanopharmacological Studies	UGC
Drug Design/ Synthesis	UGC; AICTE
Novel Drug Delivery Systems	AICTE; CCOST

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:

<b>Funding Agency</b>	<b>Title</b>	<b>Principal Investigator</b>	<b>Worth (in Lakhs)</b>	<b>Duration of project</b>	<b>Total grants received (in Lakhs)</b>
Dept. of Land Resources, Govt. of India.	Cultivation and evaluation of Petro-Crops on degraded lands in Chhattisgarh	Prof. J. S. Dangi	36.5	05 yrs	Completed
AICTE	Ethnopharmacological studies of Traditional Medicinal plants of Amarkantak and Pendra regions of chhattisgarh State	Prof. J. S. Dangi	7.0	02 yrs	Completed
AICTE	Industry Institute Partnership cell	Prof. J. S. Dangi	6.5	03 yrs	Completed
AICTE	Entrepreneurship Development Programme	Prof. J. S. Dangi	6.0	01 yrs	Completed
AICTE	Phytochemical investigation, Antisickling activity studies and formulation development of Indian medicinal plants	Prof. V. D. Rangari	19.4	03 years	17.13
UGC	Phytochemical investigation and fracture healing activity studies of Indian medicinal plants	Prof. V. D. Rangari	12.85	03 years	8.71
UGC	Isolation of secondary metabolites and evaluation of antisteroidal activity	Dr. Dilip K. Pal	13.24	03 years	9.59
AICTE	Design synthesis and Biological evaluation of CCR-5 Antagonists as Anti-AIDS drugs	Dr. Sanmati K. Jain	9.3	03 yrs	Completed
AICTE	Development of Controlled release gastro-retentive multiparticulate delivery systems for the effective management of Type-2 Diabetes mellitus	Dr. Sunil K. Jain	6.9	02 yrs	Completed

CGCOST	Development and evaluation of Colon specific drug delivery systems for some Anti -Cancer drugs	Dr. SK Lanjhiyana	1.27	3yrs	Completed
CGCOST	Insecticidal activity of medicinal plant	Dr. Bharti Ahirwar	1.15	3 yrs	Completed
AICTE RPS	Synthesis and biological evaluation of histone deacetylase inhibitors	Prof. J. S. Dangi	14.5	2 yrs	14.5
MODROB	--	Prof. J. S. Dangi	12.0	2 yrs	Completed
UGC- SAP	Ethanopharmacological studies of some traditional medicinal plants	Prof. J. S. Dangi and Dr SH Bodakhe	75	5 yrs	66.0
UGC-MRP	Design, synthesis and pharmacological evaluation of novel combretastatin A-4 analogues as anticancer agent	Dr. Harish Rajak	10.5	3 yrs	8.3
UGC-MRP	Dosage form development and evaluation of phytomedicines for effective treatment of lymphatic filariasis disease prevalent among indian population	Dr. SK Lanjhiyana	5.14	3 yrs	4.3
UGC-MRP	Photochemical and pharmacological evaluation of some potential antigenotoxic plant	Dr. PK Samal	3.2	3 yrs	2.2
UGC-MRP	Development of colon targeted new generation vaccine formulation	Dr. Ravi Shanker Pandey	7.2	3 yrs	3.9
UGC-STARTUP	Evaluation of lipid based carrier system for delivery of hepatitis C antigen for vaccination using subcutaneous route	Dr. Dinesh Mishra	6.0	2 yrs	5.4
UGC-STARTUP	Development of colloidal carriers for mucosal vaccination	Dr. Akhlesh Jain	6.0	2 yrs	5.4
UGC-STARTUP	To assess the Antiabuse potential of central histamine receptor analogs for anxiety related reinforcing effect of nicotine	Dr. Nishant S. Jain	6.0	2 yrs	5.4
UGC-STARTUP	Computer aided design, synthesis and study of novel PTP-1B inhibitors as potential antidiabetic agents	Dr. Suresh Thareja	6.0	2 yrs	5.4

UGC-STARTUP	Computational prediction of cytochrome P-450 enzyme inhibitors	Dr. P. P. Roy	6.0	2 yrs	5.4
UGC-STARTUP	Pharmacological evaluation, quality control and standardization of some potential antidiabetic plants	Dr. Arjun Patra	6.0	2 yrs	5.4
UGC-STARTUP	Synthesis, characterization and antiproliferation of oxadiazole derivatives	Dr. Jagadish Singh	6.0	2 yrs	5.4
UGC-STARTUP	Evaluation of selective imidazoline I <sub>2</sub> receptor ligand as analgesic in chronic neuropathic pain models	Dr. Rajesh R. Ugale	6.0	2 yrs	5.4
UGC-STARTUP	Design and synthesis of some novel metal (Co, Ni, Ga) complexes of bi-/tridentate ligand(s) as potential nucleolytic and anticancer agents	Dr. Sanjay Kumar Bharti	6.0	2 yrs	5.4
UGC-STARTUP	Chitosan-coated mucoadhesive nanoemulsion system: ocular drug delivery	Dr. K. Kesavan	6.0	2yrs	5.4



18 .Inter-institutional collaborative projects and grants received

(A) All India collaboration: In process (B) International: In process

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

<b>Funding Agency</b>	<b>Topic</b>	<b>Amount (in Lakhs)</b>
UGC-SAP	Ethanopharmacological studies of traditional medicinal plants	75.00

20. Research facility / center with:

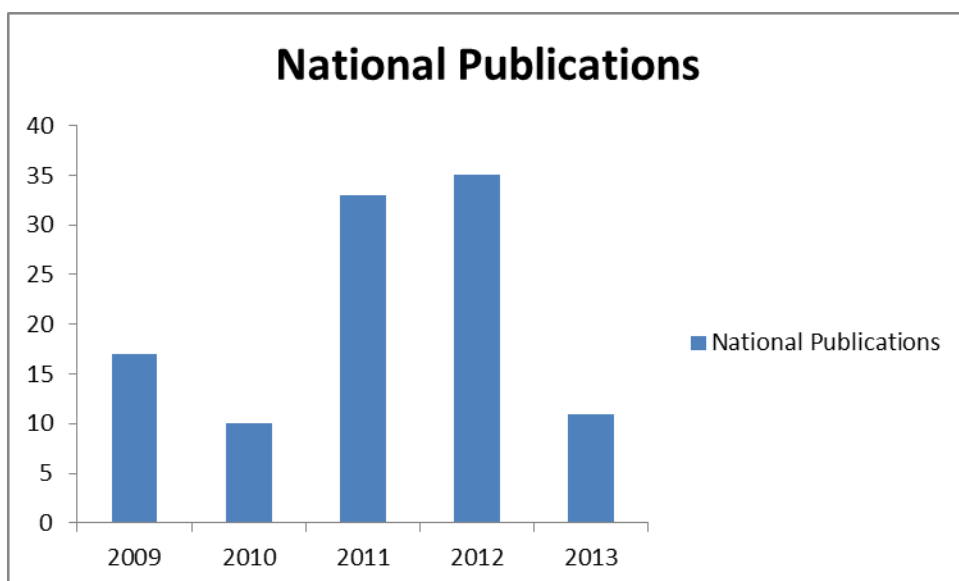
**Existing research facilities/ equipments available in the dept.:** UV Spectrophotometer (Shimadzu), IR Spectrophotometer (Shimadzu), HPTLC (Camag), Particle Size Analyzer (Shimadzu), HPLC (Merck) etc.

- State recognition: **in process**
- National recognition: **N.A.**
- International recognition: **N.A.**

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

22. Publications:

- \* Number of papers published in peer reviewed journals (national / international): 340  
**(Enclosed List: Appendix 1; pg 1-23)**
- \* Monographs: Nil
- \* Chapters in Books: **18 (Enclosed List: Appendix 2; pg 1)**
- \* Edited Books: **N.A.**
- \* Books with ISBN with details of publishers: **05 (Enclosed List: Appendix 3; pg 1)**
- \* Number listed in International Database (For *e.g.* Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.): **362**
- \* Citation Index – range / average: **01-722**
- \* SNIP:
- \* SJR:
- \* Impact Factor – range / average: **0.172 – 10.22**
- \* h-index: range = **01-15**



23. Details of patents and income generated:

S.No.	Patentee	Title	Details of Patent
1	Dr Vinod D Rangari	Development of an Effective Herbal Drug Formulation for the treatment of Sickle Cell Anaemia and the Process thereof	Applcn. No.: 2948/MUM/2009, Date of filing: 22.12.2009
2	Dr Vinod D Rangari	An Effective herbal formulation for the treatment of vascular headaches and process for the preparation thereof	Applcn. No.: 1932/MUM/2013, Date of filing: 03.06.2013

24. Areas of consultancy and income generated: The followings consultancy and income generated by Dr. Vinod D Rangari are follows-
- MoU has been signed in between Researchist - **Dr. Vinod D. Rangari** and the Director- **Uni-Jule Laboratories Pvt. Ltd, Nagpur**, for collaborative research work, Patent proposals, and commercialization of the research output.
25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad:
- Dr. Vinod D. Rangari, Professor
1. Indian Institute of Integrated Medicine,(CSIR), Jammu-Tawi
  2. Botanical Survey of India, Kolkata
  3. National Facility for X-Ray Crystallography, Department of Physics, Jammu University, Jammu
- Dr SK Lanjhiyana
1. SGPGIMS Medical College, Lucknow
26. Faculty serving in:
- a) National committees: Dr JS Dangi (AICTE, GPAT Committee recommended by MHRD), APTI-EC Member
  - b) International committees: N.A.
  - c) Editorial Boards: (Enclosed List: Appendix 4; pg 1)
  - d) Any other (please specify): Reviewer- (Enclosed List: Appendix 5; pg 1)
27. Faculty recharging strategies:
- By attending Refresher/Orientation programmes
  - Lectures by eminent scientists
  - Organization of conferences and symposia
28. Student projects
- 100% students of B.Pharm. Final Year have performed project work as a part of their curriculum (Academic Session: 2009-13)
  - 100% students of M.Pharm. Final Year have performed project work as a part of their curriculum (Academic Session: 2009-13)
  - Percentage of students doing projects in collaboration with other universities/ industry/ institute: CDRI Lucknow, CSIR Lab, Nagpur University, BITS Meshra
29. Awards/ recognitions received at the national and international level by: (**Enclosed List: Appendix 6; pg 1**)
30. Seminars/Conferences/Workshops organized and the source of funding (national /

International) with details of outstanding participants, if any:

S. No.	Theme	Dates
1	Entrepreneurship Awareness Programme (AICTE)	December 3-5, 2009
2	Faculty Development Programme (AICTE)	January 6-20, 2010
3	Standardization of Herbal Formulations (UGC)	February 25-26, 2012

31. Code of ethics for research followed by the departments: Research activities are running as per norms of the University and all experimental works on animals are performed as per guidelines by Institutional Ethical Committee as approved by Govt. of India.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
B. Pharm I Sem (2009-10)	145	39	17	53.84	64.7
B. Pharm II Sem	-	36	17	36.11	23.52
B. Pharm II year	-	43	20	83.72	90
B. Pharm III year	-	49	16	85.71	93.75
B. Pharm IV year	-	42	20	97.61	90
B. Pharm I Sem (2010-11)	160	39	21	64.28	79.16
B. Pharm II Sem	-	39	20	53.33	84.37
B. Pharm III Sem	-	33	19	64.7	75
B. Pharm IV Sem	-	33	19	68.75	79.16
B. Pharm III year	-	42	19	88.88	90
B. Pharm IV year	-	44	15	91.11	93.33
B. Pharm I Sem (2011-12)	163	43	17	46.15	62.5
B. Pharm II Sem	-	40	15	78.94	87.5
B. Pharm III Sem	-	39	20	56.81	80.95
B. Pharm IV Sem	-	39	20	50	80.95
B. Pharm V Sem	-	27	18	80.76	78.26
B. Pharm VI Sem	-	27	18	88.46	95.65
B. Pharm IV year	-	45	18	86.66	100
B. Pharm I Sem (2012-13)	160	48	28	64.58	64.28
B. Pharm II Sem	-	34	22	Not Available	
B. Pharm III Sem	-	52	24	73.07	79.16
B. Pharm IV Sem	-	42	21	Not Available	
B. Pharm V Sem	-	48	24	87.5	91.66
B. Pharm VI Sem	-	44	23	Not Available	
B. Pharm VII Sem	-	25	21	88.00	100
B. Pharm VIII Sem	-	25	21	72.00	61.90

Name of the Course	Applications received	Selected	Pass percentage
--------------------	-----------------------	----------	-----------------

		Male	Female	Male	Female
D. Pharm I year (2009-10)	100	42	10	69	70
D. Pharm II year	--	36	23	42	60.8
D. Pharm I year (2010-11)	85	33	16	69.6	32
D. Pharm II year	--	43	10	76.7	60
D. Pharm I year (2011-12)	65	32	14	63	28.2
D. Pharm II year	--	25	10	47.8	25.7
D. Pharm I year (2012-13)	87	32	14	NA	NA
D. Pharm II year	--	38	18	97.3	88.8

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M. Pharm (P'ceutics) (2009-10)	136	14	04	100	100
M. Pharm (P'chem.) (2009-10)					
M. Pharm. (P'ceutics) (2010-11)	301	28	08	100	100
M. Pharm (P'chem.) (2010-11)					
M. Pharm (P'cology) (2010-11)					
M. Pharm (P'ceutics) (2011-12)	441	23	09	100	100
M. Pharm (P'chem.) (2011-12)					
M. Pharm (P'cology) (2011-12)					
M. Pharm (P'ceutics) (2012-13)	109	11	10	Continue	Continue
M. Pharm (P'chem.) (2012-13)					
M. Pharm (P'cology) (2012-13)					

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. Pharm. (09-10)	18	40	42	N.A.
M. Pharm. (10-11)	16	42	42	N.A.
M. Pharm. (11-12)	10	38	52	N.A.
M. Pharm. (12-13)	05	24	71	N.A.
PhD (11-12)	50	30	20	N.A.
PhD (12-13)	13	00	87	N.A.

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

	2009-10				2010-11				2011-12				2012-13			
	GEN	OBC	SC	ST	GEN	OBC	SC	ST	GEN	OBC	SC	ST	GEN	OBC	SC	ST
Drug Inspector (CG-PSC)	Nil	Nil	Nil	Nil	01	04	01	01	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
CAT/MAT (MBA)	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	01	Nil	Nil	Nil	01	Nil	Nil	Nil
GPAT	09	07	02	02	10	06	01	02	08	03	01	01	04	01	01	Nil
NET	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	01	Nil	Nil	Nil

35. Student progression

Student progression	Percentage against enrolled			
	2009-10	2010-11	2011-12	2012-13
UG to PG	02	05	02	02
PG to M.Phil.	N.A.	N.A.	N.A.	N.A.
PG to Ph.D.	Nil	22	Nil	07
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil
Employed:				
A. Campus selection	Nil	Nil	Nil	Nil
B. Other than campus recruitment	32	24	36	21
Entrepreneurs	Nil	Nil	Nil	Nil

36. Diversity of staff:

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

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: **20**

38. Present details of infrastructural facilities with regard to:

a) Library: No. Books- **4015**; No. of Titles = **1010**

b) Internet facilities for staff and students: **yes**

c) Total number of class rooms: **04**

d) Class rooms with ICT facility: **02**

e) Students' laboratories: **13**

f) Research laboratories: **02**

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

a. From the host university:

	<b>2009-10</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>
Doctoral	<b>Nil</b>	<b>04</b>	<b>Nil</b>	<b>02</b>
Post- Doctoral	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
Research Associate	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>01</b>

b. From other universities: **N.A.**

40. Number of post graduate students getting financial assistance from the AICTE: **124**

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 form?

1. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback: The feedback of the faculty on curriculum as well as teaching-learning-evaluation is used for the improvements in curricula by updating the syllabi from time to time.
2. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback: The feedback of the students on staff is used for the improvements in teaching methodology, use of the teaching aid facilities such as over head Projector, LCD



Projector for PPT (Power point presentation), scientific charts and models etc. as per the requirements.

3. Alumni and employers on the programmes offered and how does the department utilize the feedback: The feedback of the alumni is the working in Pharma industries, R&D organizations, various Governmental bodies; academic institutions are of great help in designing the curricula and updating the syllabi from time to time. Feed back of the employers on the programmes offered helps in designing new courses and programs as per the need.

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

<b>Name</b>	<b>Post Held</b>
Mr. Yogendra Choudhary	Director, Ethix Pharma
Mr. Sunil Dubey	Asst. Prof., BITS, Pilani.
Mr. Shanti Prasanna	Drug Inspector, Central Govt.
Mr. Basant Kaushik	Drug Inspector, State Govt.
Mr. Ravindra Gendle	Drug Inspector, State Govt.
Mr. Kamal Kant Patanwar	Drug Inspector, State Govt.
Mr. Mahesh Nzagwanshi	Drug Inspector, State Govt.
Ms. Ramila Bhagat	Drug Inspector, State Govt.
Mr. Manoj S. Tomar	Research Scientist, Ranbaxy Laboratories
Mr. Ashish Jawalkar	Business Analyst, Novartis

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

<b>S.No.</b>	<b>Name of Expert</b>	<b>Affiliation</b>	<b>Topic of Talk</b>
1.	Prof. SH Ansari	Dean, Jamia Hamdard University, N.Delhi	Herbal formulations and their evaluations
2.	Prof. SN Umathe	HOD, Pharmacy, Nagpur University, Nagpur	Toxicology of new medicines
3.	Dr DV Kohli	Professor, HS Gour University, Sagar	QSAR Studies and its applications
4.	Prof. VK Dixit	Professor, HS Gour University, Sagar	Traditional Medicinal Plants
5.	Prof. AT Patil	Professor, Pharmacy, Nagpur University, Nagpur	New drug delivery systems
6.	Dr MD Kharya	Professor, HS Gour University, Sagar	Newer antidiabetic drugs of herbal origin
7.	Dr B Mishra	Professor, Pharmacy, BHU, Varanasi	Targeted drug delivery systems
8.	Dr K Jayawanth	Sr Manager, Pharma Industry, Sagar	Entereprenuership

			Development
9.	Dr MD Burande	Indian Institute of Pharma Research, Pune	Community Pharmacy

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

The department has the Teaching aid facilities such as Over Head Projector, LCD Projector for PPT (Power point presentation), Scientific Charts and Models, etc. This teaching aid is used by the teachers for teaching Diploma, Graduate and PG students.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? : Internal assessment, synopsis, seminars, viva voce, oral presentations

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

- a. NSS activity and Awareness programmes for drug-drug interactions and other infectious diseases during National Pharmacy Week particularly in rural areas.
- b. Sports and cultural activities.

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

- a. Industrial training and tour, Personality development activity
- b. Health Check-up programme of Villagers at Birkona, Bilaspur
- c. Blood donation camp in collaboration with Red cross society, Raipur
- d. Pharmacist training programme
- e. Interactions with Baigas and Baidhyas regarding traditional medicinal plants

49. State whether the programme /department is accredited/graded by other agencies? If yes, give details: Documents are ready and to be submitted shortly to AICTE for National Board of Accreditations.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied: Training to the community Pharmacists regarding latest medicines, drug abuse, side effects, drug-drug interactions organized.

51. Future plans of the department:

- a. The Institute of Pharmaceutical sciences has the four main departmental specializations i.e. Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy. The institute is working with inter-departmental collaboration on novel research projects at the M. Pharm. and Ph. D. levels.
- b. Being placed in the State of Chhattisgarh which is bestowed with the waste biodiversity of promising unexplored medicinal flora, the Institute has already taken the New Drug Discovery Programs in hand. The institute envisages collaborating with Pharmaceutical Industry at one side and Local Vaidus and Baigas on the other, to bring about the best possible exploitation of the unexploited medicinal and herbal flora of Chhattisgarh state.
- c. The institute is interested to start PharmD. Programme as per norms of Pharmacy Council of India. This programme is based on clinical aspects and their will be a

collaborative work with hospitals and medical colleges. This programme will help drug monitoring therapy in consultation with the physicians in the interest of the patients.

- d. Highly Sophisticated Research Facilities particularly centered on the area of cancer oriented, hepatic oriented and blood related diseases/ ailments.
- e. B.Pharm. Course in Ayurvedic may be started in consultation with Ayurvedic Council of India.

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

<b>Strengths</b>	<b>Weaknesses</b>	<b>Opportunities and Challenges</b>
Experienced qualified faculty	Not sufficient Trained Technical Staff	Job orientated programme
Sophisticated instruments	No Separate Animal House	Entrepreneurship Awareness
Good Laboratories facilities	Maintenance of the existing building	Exploration of the traditional medicinal plants of this region
Smart Classrooms	Industry institute collaboration	Development of new medicines/drug formulations
Well managed library	Collaboration with National Laboratories for R & D activities	Opportunity to work in Pharma Industries at National / International Level