

3. Evaluative Report of the Department

1. Name of the Department :

Dr. Harvansh Singh Judge Institute of Dental Sciences & Hospital, Sector-25, Panjab University, Chandigarh.

2. Year of establishment : **2006**

3. Is the Department part of a School/Faculty of the university?: **Yes, Faculty of Medical Sciences**

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) : **UG (BDS)**

5. Interdisciplinary programmes and departments involved: **N.A.**

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

7. Details of programmes discontinued, if any, with reasons : **N.A.**

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

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

Provide faculty for related subjects in the department of :

i) Public Health

ii) Hospital Administration

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	06	04	-
Associate Professors	25	12	-
Sr. Asstt. Prof./Asstt. Professors	61	28	-
Others	14	01 (Medical Officer)	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Sr. No.	Name	Qualification	Designation	Specialization	Date of Joining/ No of years of Experience.	No. Of Ph.D./ M.Phil. Students guided for the last 4 years
1	Dr. A.P. S. Sandhu	MDS	Sr.Assistant Prof.	Oral Surgery	2/5/2008	-
2	Dr. Abha Bajaj nee Sheth		Associate Prof.	Anatomy	21/05/2008	-
3	Dr. Amandeep Kaur	BDS	Assistant Prof. (Temporary)	Conservative Dentistry	10/5/2007	-
4	Dr. Amandeep Singh Uppal	MDS	Sr.Assistant Prof.	Conservative Dentistry	2/5/2008	-
5	Dr. Amrita Rawla	BDS	Assistant Prof. (Temporary)	Prosthodontics & Crown & Bridge	14/05/2007	-
6	Dr. Anubha Gulati	MDS	Associate Prof.	Oral Pathology	3/4/2006	-
7	Dr. Anupam Vijayvergia	MBBS	Demonstrator (Temporary)	Pathology	18/06/2007	-
8	Dr. Archana Agnihotri	MDS	Sr.Assistant Prof. (on leave without pay)	Pedodontics	4/5/2007	-
9	Dr. Arun Kumar Garg	MDS	Associate Prof.	Orthodontics	3/4/2006	-
10	Dr. Ashish Jain	MDS	Principal-cum-Professor	Periodontics	5/4/2010	-
11	Dr. Deepak Kumar		Professor (Temporary)	Orthodontics	14/03/2013	-

	Gupta					
12	Dr. Devinder Preet Singh	MDS	Sr.Assistant Prof.	Orthodontics	30/04/2008	-
13	Dr. Divya Mahajan	MD	Associate Prof.	Anatomy	30/04/2008	-
14	Dr. Harkirat Sethi	BDS	Demonstrator (Temporary)	Prosthodontics & Crown & Bridge	8/3/2008	-
15	Dr. Harveen Kaur	BDS	Assistant Prof.	Prosthodontics & Crown & Bridge	9/5/2006	-
16	Dr. Hemant Batra	MDS	Professor	Oral Surgery	22/07/2010	-
17	Dr. Ikreet Singh Bal	MDS	Sr.Assistant Prof. (Permanent) & Associate Prof. (Temporary)	Preventive & Community Dentistry	27/04/2010	-
18	Dr. Jagat Bhushan	MDS	Professor	Conservative Dentistry	5/4/2010	-
19	Dr. Jyoti Gupta	MDS	Sr.Assistant Prof.	Preventive & Community Dentistry	30/04/2008	-
20	Dr. Jyoti Sharma	Ph..D.	Sr.Assistant Prof.	Microbiology	1/6/2007	-
21	Dr. Kalyani Vinayak Deshpande	Ph..D.	Demonstrator (Temporary)	Biochemistry	31/05/2008	-
22	Dr. Kavita Sekhri	MD	Sr.Assistant Prof.	Pharmacology	7/5/2007	-
23	Dr. Kitty Sidhu	MDS	Associate Prof.	Conservative Dentistry	20/04/2006	-
24	Dr. Komal Marwaha	MD	Associate Prof.	Physiology	7/4/2006	-

25	Dr. Komal Sehgal	MDS	Associate Prof.	Prosthodontics	3/4/2006	-
26	Dr. Lalit Kumar	MDS	Sr.Assistant Prof.	Prosthodontics & Crown & Bridge	30/04/2008	-
27	Dr. Leena Verma	MDS	Sr.Assistant Prof.	Dental Anatomy & Oral Pathology	14/05/2008	-
28	Dr. Litesh Singla	MDS	Sr.Assistant Prof.	Orthodontics	9/2/2010	-
29	Dr. M.K.Chhabra	MD	Associate Prof. (Temporary)	Pharmacology	1/5/2008	-
30	Dr. Maninderpal Singh Gill	MS	Associate Prof. (Temporary)	Sh. G.S.Gill	1/5/2008	-
31	Dr. Manjot Kaur	BDS	Assistant Prof. (Temporary)	Preventive & Community Dentistry	3/5/2006	-
32	Dr. Manjula Mehta	Ph..D.	Associate Prof.	Microbiology	4/5/2007	-
33	Dr. Mili Gupta	MD	Sr.Assistant Prof.	Biochemistry	3/4/2006	-
34	Dr. Monika Nagpal	BDS	Assistant Prof. (Temporary)	Dental Anatomy & Oral Pathology	14/05/2007	-
35	Dr. Namrata C. Gill	MDS	Sr.Assistant Prof.	Pedodontics	7/5/2008	-
36	Dr. Nandini Bhaskar	MDS	Sr.Assistant Prof.	Periodontics	1/5/2008	-
37	Dr. Navjot Kaur	MD	Assistant Prof. (Temporary)	Physiology	16/07/2007	-
38	Dr. Neeraj Sharma	MDS	Associate Prof.	Oral Medicine	10/12/2008	-

			(Temporary)			
39	Dr. Prabhjot Cheema	MD	Sr.Assistant Prof. (Temporary)	Conservative Dentistry	9/2/2010	-
40	Dr. Prabhjot Kaur	BDS	Assistant Prof. (Temporary)	Conservative Dentistry	15/05/2006	-
41	Dr. Prabhleen Kaur Brar	MDS	Sr.Assistant Prof. (Temporary)	Conservative Dentistry	15/07/2009	-
42	Dr. Pradip Singh	BDS	Assistant Prof.	Oral Surgery	3/4/2006	-
43	Dr. Preeti Kang	BDS	Medical Officer	Oral Medicine	8/10/2001	-
44	Dr. Puneet Kapoor	MD	Associate Prof.	Anesthesia	30/04/2008	-
45	Dr. Rahul Sharma	MDS	Sr.Assistant Prof. (Permanent) & Associate Prof. (Temporary)	Oral/Maxillofacial Surgery	9/5/2006	-
46	Dr. Rajdeep Brar	MDS	Sr.Assistant Prof. (Temporary)	Oral Medicine	13/10/2010	-
47	Dr. Rajeev Rattan	BDS	Assistant Prof. (Temporary)	Periodontics	15/05/2006	-
48	Dr. Rajesh Kumar Joshi	MDS	Associate Prof.	Conservative Dentistry & Endodontics	22/07/2010	-
49	Dr. Rajni Jain	BDS	Assistant Prof. (Temporary)	Conservative Dentistry	4/5/2006	-
50	Dr. Rakhi Aulakh	MD	Sr.Assistant Prof.	Pathology	12/5/2007	-

51	Dr. Rashi Chaturvedi	MDS	Sr.Assistant Prof. (Permanent) & Associate Prof. (Temporary)	Periodontics	3/4/2006	-
52	Dr. Ravi Kant Sharma	M.Sc.	Demonstrator (Temporary)	Biochemistry	13/06/2008	-
53	Dr. Rosy Arora	MDS	Sr.Assistant Prof. (Temporary)	Preventive & Community Dentistry	24/08/2009	-
54	Dr. Ruchi Singla	MDS	Sr.Assistant Prof. (Temporary)	Conservative Dentistry	11/7/2009	-
55	Dr. Ruchika	MD	Sr.Assistant Prof.	Pharmacology	8/5/2007	-
56	Dr. Satya Narain	MDS	Associate Prof. (Temporary)	Oral/Maxillofacial Surgery	29/07/2010	-
57	Dr. Savita Prashar	Ph..D.	Associate Prof.	Biochemistry	4/4/2006	-
58	Dr. Shally Gupta	MDS	Professor (Temporary)	Oral Pathology	2/8/2010	-
59	Dr. Sharique Rehan	MDS	Sr.Assistant Prof.	Prosthodontics & Crown & Bridge	30/04/2008	-
60	Dr. Shaveta Sood	MDS	Sr.Assistant Prof.	Pedodontics	2/7/2007	-
61	Dr. Shefali Singla	MDS	Professor	Prosthodontics	3/4/2006	-
62	Dr. Shipra Gupta	MDS	Associate Prof. (Temporary)	Periodontics	16/08/2010	-
63	Dr. Sidhi Passi	MDS	Sr.Assistant Prof.	Pedodontics	3/5/2007	-

64	Dr. Simranjit Singh	MDS	Sr.Assistant Prof. (Temporary)	Orthodontics	23/09/2013	-
65	Dr. Sonia B. Bhardwaj	MD	Sr.Assistant Prof.	Microbiology	27/06/2007	-
66	Dr. Sujata Upadhyay	Ph..D.	Sr.Assistant Prof.	Physiology	30/04/2008	-
67	Dr. Sukant Kumar Garg	MD	Associate Prof.	Pathology	8/5/2007	-
68	Dr. Sukhvinder Singh	MD	Sr.Assistant Prof.	General Medicine	12/5/2008	-
69	Dr. Suruchi Aditya	MD	Sr.Assistant Prof.	Pharmacology	7/5/2007	-
70	Dr. Swaty Jhamb	MDS	Sr.Assistant Prof.	Conservative Dentistry	4/5/2007	-
71	Dr. Tarun Das	MDS	Sr.Assistant Prof.	Orthodontics	9/2/2010	-
72	Dr. Tulika Gupta	MD	Sr.Assistant Prof.	Anatomy	4/1/2007	-
73	Dr. Urvashi Sharma	MDS	Associate Prof.	Pedodontics	3/4/2006	-
74	Dr. Vandana Gupta	BDS	Assistant Prof. (Temporary)	Prosthodontics & Crown & Bridge	16/08/2007	-
75	Dr. Vinay Kapur	MD	Associate Prof.	General Medicine	6/2/2010	-
76	Dr. Virender Kumar	MDS	Assistant Prof.	Conservative Dentistry	4/4/2006	-
77	Dr. Vivek Kapoor	MDS	Sr.Assistant Prof. (Temporary)	Conservative Dentistry	15/07/2009	-

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

13. Percentage of classes taken by temporary faculty – programme-wise information : **38%**

14. Programme-wise Student Teacher Ratio : **7/1**

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

	Sanctioned	Filled	Actual (including CAS & MPS)
Academic Support staff (Technical)	56	32	-
Administrative Staff	62	28	-

16. Research thrust areas as recognized by major funding agencies

1. **Dental Caries**
2. **Epidemiology**
3. **Non-surgical Therapies**
4. **Perio Systemic Interrelationships**
5. **Community based Oral Health Care**

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.

Research project	Grant giving agency	Amount sanctioned
Evaluation of the efficacy of sub-gingival irrigation in patients with moderate to severe Chronic Periodontitis otherwise indicated for periodontal Flap Surgeries	Water Pik	8,00,000
Comparative evaluation of the anatomical topography of accessory canals in primary molars	Dept. of Science and Technology	30,000
Prevalence of hypertension and obesity among professional college students of Chandigarh	Dept. of Science and Technology	60,000
Knowledge and attitude of Chandigarh physical education school teacher with regard	Dept. of Science and Technology	40,000

to emergency management of dental trauma		
Evaluation of the prevalence of dentin hypersensitivity in adult population of Chandigarh area visiting a dental hospital	Dept. of Science and Technology, Chandigarh Administration	25,000

Projects from National -05

Total Grant received - 9,55,000/-

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

b) International collaboration

National Collaboration-03

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

DST Chandigarh – 04

20. Research facility / centre with

- state recognition
- national recognition
- international recognition

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

22. Publications:

- Number of papers published in peer reviewed journals (national / international) - **202**
- Chapters in Books - **06**
- Impact Factor– range / average * 0.14-3.2

23. Details of patents and income generated. :- **N.A.**

24. Areas of consultancy and income generated. :- **N.A.**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries 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 (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
- **Faculty is encouraged to take part in refresher courses, workshops, seminars etc. to enhance their teaching and technical skills.**
 - **Senior faculty share their knowledge through guest lectures, open source materials etc.**
28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects :- **2%**
 - percentage of students doing projects in collaboration with other universities
 - industry / institute :- **None**
29. Awards / recognitions received at the national and international level by
- Faculty - **04**
 - Doctoral / post doctoral fellows - **None**
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
- 1. 1st National Clinical Dentistry Seminar**
 - 2. 2nd National Clinical Dentistry Seminar**
 - 3. Bilateral Indo US Workshop funded by Indo US Science & Technology Forum**
Key Note speakers were :
 - a) Dr. T.E. Van Dyke**
 - b) Dr. Albert Price**
 - c) Dr. Robert Horowitz**
 - d) Dr. Horia Barbu**
 - e) Dr. Adi Lorean**
 - f) Dr. Sachin Mamidwar**
 - g)**
31. Code of ethics for research followed by the departments.
- Yes (Dental Institute Research Monitoring Committee)**

32. Student profile programme-wise:

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
BDS-I	800 (Approx.)	20	80	16	74

33. Diversity of students

Name of the Programme (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
BDS-I	-	-	96%	4%

- %age calculation is done on the basis of Board examination which is required qualification at the entry level i.e. for admission to BDS 1st year.

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

Civil Services-1

Defence Services-1

MDS-45

35. Student progression

Student progression	Percentage against enrolled
UG to PG	15%
PG to M.Phil.	NA
PG to Ph.D.	NA
Ph.D. to Post-Doctoral	NA
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	55%
Entrepreneurs	25%

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same University	5%
from other universities within the State	-
From Universities from other States from	95%
Universities outside the Country	-

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

38. Present details of departmental infrastructural facilities with regard to

a) Library

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Book	1578	2696939.00	76	412657.00	1654	3109596.00
Reference Books	670	1145087.00	30	256328.00	700	1401416.00
e-Books	Access through University Main Library					
Journals	41	4508020.00	4	83719.00	45	4591739.00
e-Journals	Access through University Main Library					
Digital Database	Access through University Main Library					
CD & Video	154 (Received with books)					
Others (specify)	-	-	-	-	-	-

b) Internet facilities for staff and students -Yes

c) Total number of class rooms - 04

d) Class rooms with ICT facility - 04

e) Students' laboratories -18

f) Research laboratories -09

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

a) from the host institution/university

b) from other institutions/universities

Nil

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,

All issues related to teaching-learning-evaluation are discussed at the departmental meetings on a regular basis. Suggestions for improving them are placed before the board of Studies (BoS) for approval and implementation.

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

The subject teacher gets feed back on curriculum, teaching-learning process etc. from students on a regular basis. All issues related to teaching-learning-evaluation are discussed in a comprehensive manner. The department analyses these reports and suggestions and corrected measures, if needed are taken.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

Department is in touch with some of the alumni through personal contacts as well as social network. They offer suggestions for the improvement of the curriculum as well as teaching-learning-evaluation.

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

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

1. Lecture by Robert Horowitz on Implants

2. Oral Health Day : The aim was to spread Oral health awareness Science Exhibition was organised by the students of the Institute and painting competition with active participation from students of various prestigious schools was held during the Oral Health day.

3. Pharmacovigilance : In collaboration with PGI, Chandigarh. The aim is to record and report adverse drug reactions. The dental students are also being sensitised to pharmacovigilance through interactive training sessions

4. Thalassemia Walk : Invited lecture to create awareness about thalasemia among undergraduate students.

5. National Clinical Dentistry Seminar : The students were enlightened on various avenues available for the young budding dentists in the army,

hospital administration, practice and clinical research.

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

Smart classrooms teaching

Tutorials

Seminars

Journal Clubs

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

Through regular classroom test, viva tutorials and seminars.

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

Students and faculty have been involved in community dental check up camps.

Sr. No.	Date	Camps
1.	01-08-2012	Theatre Age, Sector-24, Chandigarh.
2.	13-08-2012	Chandigarh College of Engg. & Technology-Adults
3.	21-08-2012	GHPS, Sector-38, Chandigarh
4.	24-08-2012	DAV Model School, Sector-15, Chandigarh
5.	29-08-2012	GHPS, Sector-38, Chandigarh.
6.	13-09-2012	ITI College, Sector-28, Chandigarh. Guru Nanak Public School, Sector-36, Chandigarh.
7.	10-10-2012	Govt. School, Phase-XI, Mohali
8.	11-11-2012	Dental Camp, Sector-15, Chandigarh. Govt. School, Phase-XI, Mohali.
9.	23-11-2012	Govt. Model School, Sector-23, Chandigarh. Bhawan Vidhalya.
10.	13 & 14-12-2012	S.S. Daffodils, Sector-38, Chandigarh.
11.	21-12-2012	S.S. Sector-38, Chandigarh.
12.	28-01-2013	Community Centre, Sector-53, Mohali.
13.	01 & 02-02-2013	St. Stephens School, Sector-45, Chandigarh.
14.	08-02-2013	St. Xavier School, Sector-44, Chandigarh.

15.	19-02-2013	Jassa Singh Ramgarhiya, Sector-27, Chandigarh.
16.	22-03-2013	DJR, Nayagaon MJSR, Sector-27-D, Chandigarh. Anganwadi, Sector 38-D, Chandigarh.
17.	10-04-2013	Community Centre, Sector-25, Chandigarh.
18.	25-04-2013	Anganwadi, Sector-29, Chandigarh.
19.	26-04-2013	Sorem School, Sector-36, Chandigarh.
20.	22-08-2013	Saraswati Public School, Dhanas.

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

1. **Lecture by Robert Horowitz on Implants**
2. **Oral Health Day**
3. **Pharmacovigilance**
4. **Thalassemia Walk**
5. **National Clinical Dentistry Seminar**

49. State whether the programme/ department is accredited/ graded by other agencies?
If yes, give details. :- **Yes by Dental Council of India**

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

The research work under going in the Institute as generated somewhere interesting results.

1. Research in the Institute has found a new bio marker SCD40 in the gingival crevicular fluid of patients suffering from gum diseases. The applicability of the finding is that this bio marker is a diagnostic bio marker for cardio vascular diseases and it has been measured for the first time in GCF. Further, the results of the study showed that by treating the gum disease the systemic level of this bio marker comes down thus creating favourable conditions for the heart in the individual. This goes on to say that a very reliable evidence has been found to link the systemic health with oral health and that the improvement in oral health also improves the cardio vascular health of an individual.
2. MCP-I is a bio marker which is related to atherosclerosis and one of the studies conducted in the Institute has correlated the level of MCP-I in saliva and blood. There is a potential applicability of this finding in terms of detecting this bio marker in a non invasive way in the saliva as compared to the earlier used invasive way of detecting this bio marker in the blood.
3. Till now treatment of advanced gum disease used to be surgical and the patients who could not undergo surgeries due to medical conditions were left with no

permanent solution but to suffer. Studies conducted in the Institute have found an effective non surgical treatment methodology by the use of anti-bacterials, irrigation devices and sonic tooth brush. This treatment regimen has been named as “Sonigation”.

4. Oral Health has often been related to adverse pregnancy outcomes as in low birth weight, preeclampsia etc. So far this, there has to be an educative plan in public health arena for the expectant mothers regarding the importance of maintenance of oral health during pregnancy. However, pioneering data collected by the researchers of the Institute have found dismal awareness levels of pregnant females towards their oral health. The results of these studies have the potential to serve as a baseline data and formulate public health measures to improve this major lacunae in the society.

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

Strength –

Biggest oral health care facility in the area

Affordable dental care to society

Multidisciplinary dental treatment

Research Publications in peer reviewed journals

Substantial outreach activities to under privileged population

Specialized treatment plans for differently abled individuals

Weakness –

Inadequate support staff

Sub optimal utilisation of facilities

Consultancy activities

Opportunities –

Potential leadership role in oral health care delivery in the region

Interdisciplinary research projects (Stem cells, Public health, Pharmaceutical Sciences etc)

Research grants from ICMR

Challenges –

To provide lateral career options to dental graduates

To strengthen basic research infra structure

To provide oral health to the deprived strata of the society

To generate meaningful applied data from the patients visiting the hospital

To increase the outreach activities and broaden its scope

52. Future plans of the department.

1. **Post-graduation programme and well establish research unit.**

2. **Inter disciplinary programme with**

- i) Public Health**
- ii) Hospital Administration**
- iii) Pharmaco-vigilance**
- iv) Clinical Research**
- v) Dental Assistant Programme**
- vi) School Health Programme**
- vii) To increase national and international visibility and MOU with international research organisation.**