SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES

DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES, SHAVIGE
MALLESHWARA HILLS, KUMARASWAMY LAYOUT
560111
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Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Education completes a person. This is the motto of late Sri. R Dayananda Sagar, an educationist and philanthropist who set up the Mahatma Gandhi Vidya Peeta Trust (MGVP) which has been nurturing over 28 educational institutions all over the country.

'Dayananda Sagar Institution's (DSI) long-standing contributions in education and healthcare has been recognized recently by the Government of Karnataka and has accorded it, a private university status – **The Dayananda Sagar University (DSU).**

The Dayananda Sagar College of Dental Sciences (DSCDS) is a private, self-financing institution started by MGVP Trust in 1991. The institution has been has been imparting quality dental education and oral healthcare and has a glory of over 31 years. The institution has an intake of 60 undergraduate students, 22 postgraduate students and PhD program in 4 specialties. DSCDS is affiliated to the RGUHS and is recognized by the DCI.

The College is consistently securing good positions in national-level rankings.

2022 rankings are as below -

Outlook - 21

The Week – 24

India Today – 44

The competent faculty has good teaching experience and publications in high-impact journals. Our Institutional Review Board is registered with naitk.gov, of Dept. of Health Research (Govt. of India). Our faculty are LIC inspectors, DCI inspectors and NAAC asssessors.

The departments also have MoUs with various institutions, organizations, professional bodies and research organizations through which a lot of student-centric activities are initiated. A recent association with the DERBI foundation-an innovation centre, caters to entrepreneurship training, development and incubation.

Our institutional library is equipped with 4214 books,1566 titles, 742 e-books, 1260 bound volumes of journals, PG dissertations and previous years' question papers. It subscribes to 21 international and 11 national journals. In addition to this, we have access to the fully automated Central Library of the campus, which has digital library facilities like RFID and ICD, LIBSOFT software and a HELINET consortium facility for accessing electronic resources. Library is equipped with text books, scientific journals, e-Books, e-journals, periodicals, back volumes, OPAC, and LMS.The expenditure for the purchase of books, journals and e-resources in the last 5 years is 103.33 lakhs.

The institution has hostel facilities for its students within the green campus. The college has the unique advantage of inter disciplinary academics, well established infrastructure, state of the art facilities and innovative teaching, training, and research programs. It is constantly pursuing its goal of achieving excellence

in teaching and research in emerging areas of dental sciences. The faculty have published a good number of publications in SCOPUS-indexed, CARE-listed, and high impact factor journals. The department has signed several functional MOUs with various national and international academic institutions, research institutions, and professional bodies.

DSCDS imparts dental education training to the students in inter/multi-disciplinary approach, skill-based training, exposure to research even at undergraduate level, attending variety of CDE programs, workshops to deliver effective oral healthcare to the community.

Prime focus areas of DSCDS are its community activities & student support systems trying to bring about a holistic development in its students.

Vision

Dayananda Sagar College of Dental Sciences aims to be amongst the world's foremost academic institutions in the pursuit of educational, clinical, and research excellence. The institution also aims to provide ample scope for ideation, innovation, and community service, to shape future leaders in dentistry by applying science, art and technology breakthroughs, thereby contributing to national/global oral healthcare, welfare and development initiatives.

Mission

Our mission is to realize our vision by:

- Imparting integrated education and training to the students on par with global standards in dentistry, for the prevention and treatment of various oral diseases and conditions, thus contributing to the improvement and sustenance of better quality of life among needy individuals of the society.
- Ensuring the development of comprehensive domain knowledge, skills and attitudes as required to meet the above-said objective.
- Inculcating necessary clinical, diagnostic, and treatment skills, to manage patients effectively and efficiently, and extending similar quality services to the community.
- Applying theoretical and analytical knowledge in various areas of dentistry to create novel clinical methods and engage in knowledge transfer for the benefit of the society locally and for mankind globally.
- Delivering quality education in basic and applied dental research to promote innovation and ensure dissemination of new knowledge through presentations at conferences and publications in high-impact journals.
- Mobilizing faculty expertise to implement local, national, and international initiatives in the field of dentistry to achieve global oral health goals by the year 2030.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. Visionary Management with more than six decades of experience in delivering notable quality of dental

education and oral healthcare.

2. 'Dayananda Sagar' is a well known brand providing quality education since long, in both professional (Medical and Engineering) as well as general degree programs.

3. Excellent location of the institution in a lush green campus spanning more than 23 acres.

4. DSCDS is poised in an integrated campus with ample opportunities to collaborate with sister institutions like Dr. Chandramma Dayananda Sagar Institute of Medical Education & Research (CDSIMER), Engineering, Nursing, Physiotherapy, Pharmacy and Bio-technology, thereby enhancing the scope for multidisciplinary integration of dental education practices with other disciplines.

5. The campus attracts students from all over the country and abroad, leading to an envious educational environment with a vibrant, cosmopolitan and progressive cultural diversity.

6. Software-driven patient record-keeping and maintenance of digitized radiographic records which can be accessed by all departments and paperless transactions.

7. Highly dedicated, qualified faculty, with rich experience and commitment to efficient teaching, with a few members having representation in the Syndicate, Senate, Academic Council and Board of Studies of the Rajiv Gandhi University of Health Sciences.

8. DSCDS is one of the pioneering colleges in offering a structured Mentorship Program with counselor support to the learners and patients.

9. The institution has tie-ups with Governmental and Non-Governmental Organizations facilitating setting-up of satellite dental clinics, to provide free/subsidized dental services to the community at large.

10. Research work is an integral part of our Undergraduate (UG) curriculum at DSCDS with the institution also generating research corpus grants for the purpose.

Institutional Weakness

1. Leveraging stronger links are needed to be established with distinguished Alumni to increase engagement with them in terms of consultancy, training, research, FDP, and mutually-benefitting academic collaborations.

2. Less number of students are pursuing higher education, particularly from MDS to PhD programs.

3. Further increase in number of research patents & grants are needed.

4. Limited engagement of Undergraduate (UG) and Postrgraduate (PG) students in pursuing Research and Development projects involving industries.

Institutional Opportunity

1. To start relevant certificate courses under the RGUHS- Scope to provide add on and certificate courses like pharmacovigilance, computer simulations, basic biochemical analysis, clinical research, scientific writing, data analytics, biostatistics, financial and managerial skills under the ambit of RGUHS and/or through relevant Massive Open Online Courses (MOOCs) and other such Open Educational Resources (OERs).

2. Establishing Tempero Mandibular Joint Disorder (TMD) clinic, Oro-facial pain clinic, Cancer clinic, in-house Aligner system, Computer Aided Designing Computer Aided Machining (CAD CAM) and Cone Beam computerized Tomography (CBCT) training centres.

3. Establishing collaboration with other universities and Lead institutions at the national or international levels, for furthering interactive-learning and knowledge-transfer opportunities for both, students and faculty alike.

Institutional Challenge

1. Incorporating cutting-edge curricular changes beyond the recommendations of the affiliating University.
2. Addressing the issue of drop in admissions.
3. Extending subsidized dental treatment to reach a larger population of patients.
4. Challenges of sustainability in our hitherto established student performance levels, largely due to lower admission eligibility criteria of NEET.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

DSCDS is affiliated to the RGUHS, which is mandated to follow the curriculum designed by it as directed by the DCI. However, planning and implementation for all the programs is meticulously done by the Academic Advisory Committee (AAC) of our institution in association with each department. Annually, the college has an intake of 60 UG students and 22 PG students in 7 specialties. During the last five years, one of our senior faculty has served as the Dean of Faculty of Dentistry of RGUHS, two as BoS members, one as an Academic Council member and three as Master Trainers for the TOT programs conducted by the university. Dental sciences associated with DSU benefits mutually in curriculum planning and implementation where few faculty are members of BoS, DSU.

AAC designs the annual academic calendar, time table and syllabus incorporating innovative and studentcentric teaching practices. The committee meets, follows up the planning and implementation process.

The feedback collected from all stakeholders are analyzed by the feedback Committee for curriculum and implementation. This helps us plan and implement appropriate corrective measures and action plans for ensuring incremental performance improvement. The interdisciplinary and interdepartmental training happens through workshops on dental implants, lasers, dental photography and several other newer techniques which emerge from time to time.

Before students start their clinics, they are sensitized to professionalism, ethics, infection control, safety protocols and communication skills through various value-added courses. The institution encourages conduct of value-added and add-on courses in areas such as Advanced Endodontics, magnification in dentistry, maxillofacial prostheses and Basic Life Support (BLS) facilitating curriculum enrichment. Our community outreach programs, primary health center postings, camps and outpatient clinics adequately train the students to gain hands-on experience in community skills & patient care. Health awareness programs, Youth for Seva, NSS activities and NMO makes our students acquire necessary social responsibilities. They are also sensitized to gender equality, environmental sustainability and bio-medical waste segregation/disposal practices. Personality development/soft-skill programs help our students in acquiring overall development. Career guidance programs are also organized for interns and alumni by the career guidance and placement cell.

Teaching-learning and Evaluation

- DSCDS follows a transparent, merit-based admission procedure through the process of NEET examinations and KEA policies as mandated by the Government. An average of 33.44% cultural and

socio-economic diversity amongst students has been recorded for the last 5 years, making the institution socially-inclusive.

- Orientation program, celebration of important festivals from across the country, assisting non-local students in learning Kannada language are actively practiced by the institution.
- Among the committees formed for the betterment of student community, Anti-ragging, Mentorship, Internal Complaints Committee addressing anti-sexual harassment complaints, Academic Advisory Committee are given utmost priority.
- Students are identified using customized criteria into slow performers and advanced learners. Both cohorts are trained extra, so that slow performers level-up with the rest and the advanced learners go on to achieve higher laurels.
- DSCDS has stated generic and programme-specific learning outcomes along with graduate attributes as per DCI/RGUHS norms. Teaching-learning methods have been designed keeping in mind the evolving student and is more hands-on and digitally enabled with ample use of ICT enabled classrooms, Simulation labs, OSCE/OSPE trainings, using digital platforms. Innovatively redesigned teaching strategies like peer teaching, case based learning, inter departmental case/concept discussions, are employed. UG research is encouraged with around 20 short term projects being accepted by ICMR and RGUHS.
- Currently DSCDS has 76 well qualified, full-time faculty with 29 PG guides and 6 PhD guides. UG and PG student-teacher ratio is 3:1 and 1:1. The average teaching experience of faculty at DSCDS is 10.62 years with all faculty obtaining certification in educational methodology faculty training conducted by the RGUHS.
- The learning outcome is assessed with 3 Continuous Internal Assessments (CIEs), posting end tests conducted for UGs and the mock exams conducted for PGs. The evaluation process is completely digitized. Grievances are addressed as per the university norms and procedures. Based on students' performance appropriate course corrective measures are implemented whenever necessary.
- The students' attendance and performance is communicated to parents regularly and outstanding issues (if any) are discussed with the parents in person, and corrective measures (if need be) are resorted to.

Research, Innovations and Extension

The institution emphasizes and encourages research activities for students under the guidance of faculty, to orient them into indulging in meaningful research. The staff and students are encouraged to submit research proposals to extra-mural funding agencies and have received grants from bodies like ICMR (2 projects) and RGUHS (10 projects) amounting to around Rs. 3.4 lakh during the last 5 years.

The Staff and students take up research projects under the framework and guidelines of the Institutional review board and the Institutional Ethical Committee and are guided and monitored by its expert panel. College encourages students to take up long- and short-term research studies by providing infrastructure at the college, collaborative agencies as well as the collaborating innovation centre housed in the engineering college campus. The total collaborations are 27 in number during the past 5 years. Staff and students have published Book-Chapters, Scientific publications in Journals, which number to 12 and 257 respectively, during the last 5 years.

The commitment of the college towards community outreach programs and social responsibility towards the society are recognized and appreciated by various government and non-government bodies. Due consideration to oral hygiene, tobacco cessation programme, free denture camps, cancer screening programmes, *Swacch Bharath Abhiyaan,* NSS programmes, blood donation camps etc. were held during the last five years with a total of 191 camps catering to 18,551 patients and 1500 students participating in the same, with the utilization

of the "State-of-art" customized mobile Dental van with 2 dental chairs, audiovisual patient education aid, portable X-ray machine, overhead tank, and other necessary instruments and facilities.

The college has functional MOUs with 21 institutions. Students have been actively involved in covid vaccination drive since 2021. Faculty members and interns were actively involved in tele-consultation during covid times and also were recognized and appreciated by "Step One" for our active involvement in tele-consultations.

Infrastructure and Learning Resources

DSCDS has a state-of-the-art infrastructure facility situated in the heart of the city. It has adequate facilities for students, staff, and patients. The college provides equal importance to sports and cultural activities and caters to various tournaments which are conducted through affiliating university.

DSCDS has well maintained ICT- enabled classrooms and a sophisticated teaching hospital. The campus is well known for its healthy Air Quality Index with ample greenery. There are laboratories for Preclinical, Basic Sciences training and Skill labs. Each department has modern facilities for clinical teaching and learning. Patient care is taken in 9 clinical departments. A multispecialty "Sagar Hospital" is also present in the same campus offering an array of services including 24x7 accident and emergency care.

The College library has LIBSOFT software version 12.0, which is developed for library automation and efficient management of library services and downloading of e-resources. The library is updated annually for books and journals and currently there are 4214 books and 1566 titles and 742 e-books, PG dissertations and previous years' question papers. It subscribes to 21 international and 11 national journals. The library has HELINET consortium membership through RGUHS for accessing e-resources. The expenditure for the purchase of books, journals and e-resources in the last 5 years is 103.33 lakhs.

The institution has 5 attached satellite primary health centres and a mobile clinical service facility with a well-equipped Mobile dental van to reach and serve rural locations. The college has round-the-clock uninterrupted internet connection with bandwidth of 1 GBPS.

There is a common maintenance facility team for the Dayananda Sagar institutions with a team of carpenters, electricians, plumbers, and gardeners who take care of maintenance of the campus. Maintenance of the sophisticated equipments is outsourced with necessary insurance coverage.

The sports and cultural activities of the students are looked after by the specific committee in place; the physical education director helps in maintenance of the gym/table tennis boards, carrom boards/ basketball. Total expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years is 146.09 lakhs. Total expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary during the last five years 1021 lakhs.

Student Support and Progression

The institution has a student-centric approach to facilitate overall personal and professional development and progression. 289 students were benefited in the form of scholarships from Government organizations and institution in the last five years. Soft skill programs are organized in collaboration with both, CIL-based within

the campus and external resources. Yoga classes are conducted by the in-house yoga instructor and Yoga Day is celebrated annually. Kannada classes are conducted to facilitate student-patient interaction since it is the local language. The white coat ceremony and Orientation Day for students are conducted annually with lectures customized to their academic and clinical progression in the institution. NEET coaching and career guidance programs are organized annually for the outgoing students and if relevant, to 4th BDS students with 245 students benefitting in the last 5 years. The college provides conducive environment for academic and co-curricular activities of international students.

The institution has an Anti-ragging committee, Internal Complaints Committee and Student Welfare and Grievance Redressal Committee which meets on a regular basis to resolve issues of students. Anti-ragging workshops are conducted annually to sensitize students and make the campus, free of any ragging incidence.

Our students are placed in reputed organizations and most students are self employed during the last 5 years. Significant number of students have opted for higher education during 2017-22.

11 students have secured 20 awards in zonal and National level competitions during the last 5 years. 85 sports and cultural events have been conducted by the college in the last 5 years to encourage students to showcase their talents and sporting spirit. Student Council is actively involved in organizing cultural events, sports activities and publication of E- magazine.

College has a registered Alumni Association, with 1331 registered alumni. Total contribution received from the alumni is Rs. 2,92,550/-in the last 5 years and 18 meetings have been conducted.

Governance, Leadership and Management

DSCDS is managed by the Mahatma Gandhi Vidya Peetha Trust. The finances obtained from tuition fees collected from students, treatment charges paid by patients, funds from government/non-governmental organizations, alumni donation and management contributions are managed through SARAL TDS, Tally software. Internal and external audits are conducted annually to ensure optimal utilization of resources.

IQAC along with the college Governing Council and various other committees ensure effective functioning of the Institution. The Institution has clearly defined Vision, Mission statements and meticulously follows the service rules to ensure governance, leadership and management are to acceptable global standards.

Institution believes in decentralization and participative management for an effective administration. Principal, who is the IQAC chairman along with the Vice-Principal, Associate Deans, HODs, Professors, Readers, Senior lecturers plan and monitor all the activities through various committees.

Welfare measures are in place to motivate faculty to undertake various scientific researches, present scientific papers at National/International forums, attend certification courses/fellowship programs. Faculty are encouraged to take-up responsible positions in various decision making bodies and specialty forums at University/State/National/International levels. ESI, Gratuity facility, concession for medical treatment and fee concession for children of staff joining to DSI is provided.

DSCDS has a structured system to appraise the annual performance of teaching and non-teaching staff. Self-appraisal form filled by the staff with the details of conferences, workshops, seminars, training programs attended, books and scientific papers presented and published, research and academic administration carried out

during that year is submitted to respective HODs. HODs scrutinize and give their feedback on individual staff's conduct, discipline, sincerity and performance to the Principal, which is then submitted to the management for approval.

Management through various policies, measures and facilities ensures that the administration and functioning of the Institution is to its best, taking into account the welfare of all stakeholders.

Institutional Values and Best Practices

DSCDS has kept its values and practices as one of its core principles. Over the years, it has been striving to make transformational changes of education and oral health care delivery system .

A conducive environment is provided for women staff and students with specific committees for women welfare and grievances, women-centric facilities like common and counseling rooms, female security guards and gender sensitization programs.

College is set in a picturesque 23-acre campus with lush green landscaping all around. The institution is equipped with solar energy, does wheeling of excess energy to the grid, rain water harvesting systems, sewage treatment plant and other mechanisms for conservation of energy and waste disposal.

The college believes in social responsibility and thrives to provide an inclusive environment as its mission. DSCDS encourages students from different backgrounds to participate in various cultural, sports and other activities. Five satellite centres have been established to serve populations with low socioeconomic status where treatments are done free of cost.

As an institutional best practice, digitization has been implemented through patient registration and management software (DIMS), digital radiographs, LIBSOFT software in central library and NEMOCEPH in Department of Orthodontics.

Another best practice is the regular conduct of camps and other outreach activities within the state as well as the neighboring states to improve oral healthcare needs of the disadvantaged populations. The state-of-the-art Mobile Dental Unit (MDU) is utilized during this process. It is equipped to treat both simple and complex procedures like root canal, dis- impactions and dentures which otherwise need spcialized set-ups, making it unaffordable to these populations (these treatments are done free of cost). Our best practices focus on nation building & use of modern technology to improve our services to the society.

The holistic development of the learners as nurtured by DSCDS through a multitude of student support facilities is the distinctiveness. In its thrust towards achieving the same, the institution has an excellent student support system which promotes physical, mental, spiritual, social and vocational development in a salubrious environment.

Dental Part

DSCDS offers a five-year under-graduate program with an intake of 60 students per batch, a three-year post-graduate program in seven departments and Ph.D. program in four departments, all affiliated to RGUHS, Bengaluru and recognized by DCI, Ministry of Health and Family Welfare.. Students are admitted based on the

NEET exam ranking.

The institution has well-equipped preclinical laboratories to enable students with simulated practical experience. The pre-clinical exercises are conducted for under-graduate and post-graduate students as per the university curriculum.

Institutional Infection Control Committee has prescribed patient safety manual where in all the norms and protocols of disinfection, sterilization, biomedical waste segregation are followed during clinical training apart from providing Personal Protective Equipment (PPE). The institution also ensures that the faculty and the students undergo mandatory immunization for Hepatitis-B and Covid-19.

Orientation programs are conducted every year for UG, PG and Interns in the first few days of the commencement of their academic session and one year rotatory internship program . Workshops on different aspects of patient care are conducted all through the year from all specialties that will help improve students' knowledge and enhance their skills further.

The students are trained in using high-end equipment such as surgical microscope, dental lasers and imaging softwares for diagnostic and therapeutic purposes. Specialized comprehensive clinic, implant clinic, geriatric clinic, tobacco cessation clinic provides added learning and skill development.

The institution has full-time experienced faculty enabling efficient teaching-learning process, few of whom have additional degrees beyond the eligibility requirements prescribed by DCI. The faculty are also trained to assess competencies of the students while doing formative and summative assessments, through objective, structured and transparent methodologies like OSCE/OSPE. The institution has developed dental graduate attributes which are implemented and evaluated as per the guidelines of DCI. In the last five years an average per capita of Rs. 20.65 Lakhs are incurred on dental materials and other consumables for students training. Dental Education Department of the institute conducts quality Faculty Development Programs in emerging trends in Dental Educational Technology, which enables faculty in upgrading their skills in teaching quality, and student assessment.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DAYANANDA SAGAR COLLEGE OF DENTAL SCIENCES
Address	Dayananda Sagar College of Dental Sciences, Shavige Malleshwara Hills, Kumaraswamy layout
City	Bangalore
State	Karnataka
Pin	560111
Website	www.dscds.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Hemanth M	080-26663654		080-26660789	
IQAC / CIQA coordinator	Prashanth.n.t	080-	9845034720	080-26660789	naac@dscds.edu.in

Status of the Institution	
Institution Status	Private and Self Financing
Institution Fund Source	No data available.

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

Date of establishment of the college	10-10-1991

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Karnataka	Rajiv Gandhi University of Health Sciences	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC		
12B of UGC		

Details of recognition / approval by statutory / regulatory bodies other than UGC (MCI, DCI, PCI, INC, RCI, AYUSH, AICTE etc.)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
DCI	[View Document](#)	28-06-2010	240	Permanent validity for BDS and MDS Programs

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the college recognized for its outstanding performance by national or international agencies such as DSIR, DBT, ICMR, UGC-SAP, AYUSH, WHO, UNESCO etc.?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Dayananda Sagar College of Dental Sciences, Shavige Malleshwara Hills, Kumaraswamy layout	Urban	23	9668.5

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	**Name of Programme/Course**	**Duration in Months**	**Entry Qualification**	**Medium of Instruction**	**Sanctioned Strength**	**No.of Students Admitted**
UG	BDS,Dentistry	60	PUC	English	60	53
PG	MDS,Oral Medicine And Radiology	36	BDS	English	3	0
PG	MDS,Public Health Dentistry	36	BDS	English	2	0
PG	MDS,Oral And Maxillofacial Surgery	36	BDS	English	2	2
PG	MDS,Conservative Dentistry And Endodontics	36	BDS	English	6	6
PG	MDS,Prosthodontics Crown And Bridge	36	BDS	English	2	2
PG	MDS,Periodontics	36	BDS	English	2	2
PG	MDS,Orthod	36	BDS	English	5	5

	ontics And Dentofacial Orthopedics					
Doctoral (Ph.D)	PhD or DPhil,Oral Medicine And Radiology	60	MDS	English	2	0
Doctoral (Ph.D)	PhD or DPhil,Oral And Maxillofacial Surgery	60	MDS	English	2	0
Doctoral (Ph.D)	PhD or DPhil ,Conservativ e Dentistry And Endodontics	60	MDS	English	2	0
Doctoral (Ph.D)	PhD or DPhil ,Orthodontics And Dentofacial Orthopedics	60	MDS	English	2	0

Position Details of Faculty & Staff in the College

Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	20				31				0			
Recruited	13	7	0	20	10	9	0	19	0	0	0	0
Yet to Recruit	0				12				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
	Lecturer				Tutor / Clinical Instructor				Senior Resident			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	53				0				0			
Recruited	10	27	0	37	0	0	0	0	0	0	0	0
Yet to Recruit	16				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				90
Recruited	38	35	0	73
Yet to Recruit				17
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				15
Recruited	10	5	0	15
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	1	0	0	0	0	0	0	0	3
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	11	6	0	9	10	0	0	0	0	36
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	Lecturer			Tutor / Clinical Instructor			Senior Resident		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	10	27	0	0	0	0	0	0	0	37
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Highest Qualification	**Lecturer**			**Tutor / Clinical Instructor**			**Senior Resident**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	2	6	0	8
Number of Emeritus Professor engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0
Number of Adjunct Professor engaged with the college?	**Male**	**Female**	**Others**	**Total**
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	8	1	0	0	9
	Female	37	7	0	0	44
	Others	0	0	0	0	0
PG	Male	1	2	0	0	3
	Female	8	6	0	0	14
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	1	2	1	2
	Female	3	3	2	2
	Others	0	0	0	0
ST	Male	1	0	0	1
	Female	0	1	1	0
	Others	0	0	0	0
OBC	Male	1	2	1	1
	Female	8	5	8	7
	Others	0	0	0	0
General	Male	11	15	15	11
	Female	40	36	26	46
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		65	64	54	70

General Facilities	
Campus Type: Dayananda Sagar College of Dental Sciences, Shavige Malleshwara Hills, Kumaraswamy layout	
Facility	**Status**
• Auditorium/seminar complex with infrastructural facilities	**Yes**
• **Sports facilities**	
* Outdoor	**Yes**
* Indoor	**Yes**
• Residential facilities for faculty and non-teaching staff	**Yes**

• Cafeteria	**Yes**
• **Health Centre**	
* First aid facility	**Yes**
* Outpatient facility	**Yes**
* Inpatient facility	**Yes**
* Ambulance facility	**Yes**
* Emergency care facility	**Yes**
• **Health centre staff**	
* Qualified Doctor (Full time)	**100**
* Qualified Doctor (Part time)	**0**
* Qualified Nurse (Full time)	**156**
* Qualified Nurse (Part time)	**0**
• Facilities like banking, post office, book shops, etc.	**Yes**
• Transport facilities to cater to the needs of the students and staff	**Yes**
• Facilities for persons with disabilities	**Yes**
• Animal house	**Yes**
• Power house	**Yes**
• Fire safety measures	**Yes**
• Waste management facility, particularly bio-hazardous waste	**Yes**
• Potable water and water treatment	**Yes**
• Renewable / Alternative sources of energy	**Yes**
• Any other facility	**Temple, Yoga center, Meditation center, Amphi theater, Bank, ATM, Pharmacy, indoor stadium, stationary shop**

Hostel Details
Hostel Type
* Boys' hostel
* Girls's hostel
* Overseas students hostel
* Hostel for interns
* PG Hostel

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The art and science of dentistry is a multidisciplinary domain of the medical field. Our dental students are trained to deliver effective healthcare driven by the multidisciplinary curriculum laid down by the Dental Council of India. Both the undergraduate and postgraduate training are as per the regulations of the apex council and the university. The new education policy NEP has emphasized on the concept of multidisciplinary teaching, this aligns with the institutional practices of conducting interdisciplinary Dental Implant workshops, treatment of special cases, workshops on research methodology, LASERS and also community outreach programs like anti-tobacco awareness, HIV awareness and importance of oral hygiene and dental healthcare.

2. Academic bank of credits (ABC):	Since DSCDS is an affiliated institution under the RGUHS, by itself it is not a degree-granting institution.
3. Skill development:	Skill development programmes are largely emphasised in the NEP. With an intention to implement this concept, the Institution is conducting several skill based training programs in the professional and social skills needed for a dental professional, for successful clinical practice. Young and enthusiastic teaching faculty are continuously upgrading the clinical skills, research and academics in the field of dentistry. The list of courses that are already offered are: • Soft skills • Patient safety and infection control • Minor oral surgical procedure • Rehabilitation of Maxillo-facial Defects • LASERS in dentistry • Paediatric behaviour management • Faculty Development Program.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The teaching and training are governed by regulatory body, Dental Council of India. Revised BDS course Regulation 2007, along with amendments and MDS course regulation 2017, are at present adopted. The Institution conducts communication skills programs as Add-on courses viz., Kannada Language, organising inter-religious programmes to promote National integration like, Onam, Holi, Kannada Rajyotsava, Ayudha Pooja and Founders Day. Further programmes in IKS as recommended by the SRAs shall be offered as and when mandated.
5. Focus on Outcome based education (OBE):	Prior to entering the clinical postings, the under graduate and post graduate students, are trained by the faculty as mandated by the regulatory body. This will help develop necessary skills and acquire knowledge for patient care. This will also help us assess the student's cognitive skill and knowledge. College regularly organizes CDE programs/workshops for undergraduate / postgraduate students and faculty. Additional Institutional fund will be provided for conference registration for paper / poster presentations. Funds are also provided to conduct research and publish in renowned journals. As envisioned in the NEP our institution is gearing up towards integration into the Dayananda Sagar University. This will give us more freedom in implementing the appropriate curriculum based on competencies and skills required for the holistic development of the student.

6. Distance education/online education:	During the COVID19 pandemic, our institution has taken a giant leap in online dental education and technological advancement. UG and PG classes, seminars, journal clubs, case presentations, inter-departmental meets and presentations were conducted through the online portal. All the education videos were also played in the classrooms for the benefit of the students. Online conferences were held for the benefit of both, students and faculty. Some of the Faculty development programs, CDE programs and workshops were conducted online for the bettering the skill and knowledge of the faculty. This has prepared us to continue online education for both students and faculty.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	No
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	No
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	None
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	None
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to	None

| institutionalize mechanisms to register eligible students as voters. | |

Extended Profile

1 Students

1.1

Number of students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
270	264	274	311	325
File Description			Document	
Institutional data in prescribed format(Data templ			[View Document](#)	

1.2

Number of outgoing / final year students year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
62	73	60	87	70
File Description			Document	
Institutional data in prescribed format(Data templ			[View Document](#)	

1.3

Number of first year Students admitted year-wise in last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
70	54	64	65	60
File Description			Document	
Institutional data in prescribed format(Data templ			[View Document](#)	

2 Teachers

2.1

Number of full time teachers year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
76	55	62	64	74

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

2.2

Number of sanctioned posts year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
94	94	94	98	98

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

3 Institution

3.1

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
233.62	200.11	226.66	274.99	231.73

File Description	Document
Institutional data in prescribed format(Data templ	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning, delivery and evaluation through a well defined process as prescribed by the respective regulatory councils and the affiliating University.

Response:

DSCDS is affiliated to the RGUHS, is mandated to follow the academic programs as designed by the Statutory Regulatory Authorities (SRA: DCI and RGUHS).Dental sciences associated with DSU benefits mutually in curriculum planning and implementation where few faculty are members of BoS,DSU. The college broadly adheres to this curriculum with internal reforms which are discussed and passed through our institutional Academic Advisory Council (AAC), so that Dental graduates acquire competencies needed to professional practice. These include scientific and evidence-based knowledge, general skills, and attitudes for diagnosis, treatment planning, manage practice with ethics and good communication and skills. Few of the faculty have been part of the curriculum reformation and advisory committees of RGUHS. One of the faculty was dean of dental faculty for RGUHS. These members help DSCDS bridge the gap with RGUHS. Curricular Delivery: Teaching schedules for preclinical, clinical and theory are prepared at the beginning of the academic year by AAC to complete the syllabus on time with adequate time for revision. Faculty is trained in Educational Methodology and evaluation through RAATI(RGUHS),also three of the faculty have been masters trainers for teachers in educational methodology by RGUHS, they update the faculty with any recent trends in teaching/learning methodology for effective delivery of curriculum to the students.

Effective implementation of the curriculum begins with an orientation program for freshers (both UG and PG). Along with a 'white coat ceremony' to orient the students on effective management of academic and nonacademic performance with the right attitude. To enrich the curriculum, the institution offers add on and value added courses, conducts workshops and Continuing Dental Education (CDE) programs and encourages active participation of students to keep them abreast with recent advances in the field of dentistry. Faculty trained in research methodology, guide the Postgraduates and undergraduates to undertake research projects and also apply for grants which are scrutinized by IRB. Research publications and scientific presentations are also encouraged. Schedules of theory classes, clinical discussions and demonstrations are incorporated in the time table as mandated by the University. DSCDS in collaboration with four primary healthcare centers, Abhalashrama, Sagar hospitals, Sevashrama hospital help in providing the students with appropriate clinical exposure. 1st year BDS students avail the services of medical college (CDSIMER) for anatomy practicals & dissection classes for hands on experience. On rotation, postgraduates are posted at the emergency unit of CDSIMER to gain hands on experience in handling facial trauma Interdisciplinary workshops, meets and discussions are also conducted to help students develop an interdisciplinary approach.

Curriculum Evaluation: The institution has a well defined and robust Feedback Committee which receives and analyses a structured feedback on curriculum from all involved stakeholders, which in turn empowers the committee to recommend any need-based changes that may be needed in

revising/reforming the curriculum design or delivery. These recommended changes are scrutinized by the Academic Advisory Council before any implementation at the institutional level or communicated to the affiliating university as suggestions for incorporation through the BoS members.

File Description	Document
Link for Minutes of the meeting of the college curriculum committee	[View Document](#)
Link for any other relevant information	[View Document](#)

1.1.2

Percentage of fulltime teachers participating in BoS /Academic Council of Universities during the last five years. (Restrict data to BoS /Academic Council only)

Response: 4.94

1.1.2.1 Number of teachers of the Institution participating in BoS/Academic Council of universities year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
5	5	2	2	2

File Description	Document
Provide scanned copy of nomination letter such BoS and Academic Council From University/ Autonomous college	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for details of participation of teachers in various bodies	[View Document](#)

1.2 Academic Flexibility

1.2.1

Percentage of inter-disciplinary / inter-departmental courses /training across all the Programmes offered by the College during the last five years

Response: 69.4

1.2.1.1 Number of inter-disciplinary /inter-departmental courses /training offered during the last five years

Response: 93

1.2.1.2 Number of courses offered by the institution across all programs during the last five years

Response: 134

File Description	Document
Minutes of relevant Academic Council/BoS meetings	[View Document](#)
List of Interdisciplinary /interdepartmental courses /training across all the the programmes offered by the University during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for Additional Information	[View Document](#)

1.2.2

Average percentage of students enrolled in subject-related Certificate/ Diploma / Add-on courses as against the total number of students during the last five years

Response: 80.27

1.2.2.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
234	207	212	255	250

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of the students enrolled in subject-related Certificate/Diploma/Add-on courses	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

The Institution integrates cross-cutting issues relevant to gender, environment and sustainability, human values, health determinants, Right to Health and emerging demographic issues and Professional Ethics into the Curriculum as prescribed by the University / respective regulative councils

Response:

Cross-cutting issues are given importance to nurture students to develop into quality professionals who are also socially-responsible and ethical. To achieve this, the college along with academic programs, conducts several events specific to these issues. Women's Welfare Committee celebrates Women's day with themes on woman's oral & general health, importance of women, gender equality, rights of women, where renowned accomplished women speakers motivate and guide the students & faculty .

The campus follows go green concepts with many trees and no plastic zones. Programs like world environment day and biomedical waste management reinstitutes on the concept of environmental sustainability. Along with NMO &NSS many Rallies, cyclathon, sapling plantation inside and outside the campus to learn about our role in safe interaction with environment. Plantation drive was organized with the theme of - 'You not me' on world environment day in association with NSS. Renowned speakers motivated our students in reducing the use of plastics. DSCDS is moving towards a paperless campus incorporating technology and Use of e-records wherever possible.

The Infection Control Committee revises and follows up the adherence to guidelines of proper biomedical waste segregation and disposal along with sterilization and infection control practices.

Empathy & human values are features of successful practitioner. During the pandemic, soft skill committee along with heartfulness institute organized a 6 day online meditation.

World Elders Day celebration and Danthabhagya program by prosthodontics department has been a boon to the elderly who cannot afford a denture which could change their quality of life. BLS training have been a regular practice for students and faculty to attend to health emergencies.

The curriculum already has all Determinants of health like biological, behavioral, socio-cultural and socioeconomic, environmental factors and access to health care services integrated. Along with NSS and NMO,we organize camps and awareness programs for important issues like, blood donation and its importance, AIDS awareness, oral hygiene awareness, organ donation and covid vaccination. Blood donations camps are regularly conducted, even in the covid pandemic.

Tobacco Cessation Cell conducts seminars, workshops, flash mobs, skits, rallies, poster and paper presentations, short films, rangoli competitions to create awareness about tobacco and its side effects among the masses. Door to door surveys have been done to examine the side effects of tobacco.

International yoga day celebrated every year where yoga instructors speak about the importance of yoga & conduct practical sessions for faculty & students.

Students, on orientation day are made aware of the code of conduct and behaviour expected from them in the campus. Code of conduct /ethics committee makes sure the parents are also aware of the same.

DSCDS has a strict anti-ragging policy with a committee actively monitoring students in this regard.

The one-year compulsory rotating internship requires the undergraduate student to experience all clinical disciplines of dentistry. PHC postings not only helped them practice dentistry, they helped medical practitioners in the vaccination drive and apartment vaccination drive to break the chain of covid 19 pandemic.

File Description	Document
Link for list of courses with their descriptions	View Document
Link for any other relevant information	View Document

1.3.2

Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 51

1.3.2.1 Number of value-added courses offered during the last five years that impart transferable and life skills.

Response: 51

File Description	Document
List of-value added courses	View Document
Institutional data in prescribed format	View Document
Brochure or any other document related to value-added course/s	View Document
Any additional information	View Document

1.3.3

Average percentage of students enrolled in the value-added courses during the last five years

Response: 98.53

1.3.3.1 Number of students enrolled in value-added courses offered year-wise during the last five years that impart transferable and life skills

2021-22	2020-21	2019-20	2018-19	2017-18
267	256	274	303	323

File Description	Document
Institutional data in prescribed format	[View Document](#)
Attendance copy of the students enrolled for the course	[View Document](#)
Any additional information	[View Document](#)

1.3.4

Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the preceding academic year)

Response: 82.59

1.3.4.1 Number of students undertaking field visits, clinical, industry internships,research projects,industry visits,community postings

Response: 223

File Description	Document
Scanned copy of filed visit report with list of students duly attested by the Head of the institution to be provided	[View Document](#)
Institutional data in prescribed fomat	[View Document](#)
Community posting certificate should be duly certified by the Head of the institution	[View Document](#)
Link for additional information	[View Document](#)
Links to scanned copy of completion certificate of field visits/Clinical / industry internships/research projects/industry visits/community postings from the organization where internship was completed	[View Document](#)

1.4 Feedback System

1.4.1

Mechanism is in place to obtain structured feedback on curricula/syllabi from various stakeholders.Structured feedback received from:

1. **Students**
2. **Teachers**
3. **Employers**
4. **Alumni**
5. **Professionals**

Response: A. All of the above

File Description	Document
Stakeholder feedback reports as stated in the minutes of meetings of the College Council /IQAC/ Curriculum Committee	[View Document](#)
Sample filled in Structured Feedback to be provided by the institution for each category claimed in SSR	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for additional information	[View Document](#)

1.4.2

Feedback on curricula and syllabi obtained from stakeholders is processed in terms of:

Response: A. Feedback collected, analysed and action taken on feedback besides such documents made available on the institutional website

File Description	Document
Stakeholder feedback report	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Action taken report of the Institution on feedback report as minuted by the Governing Council, Syndicate, Board of Management	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Due consideration is given to equity and inclusiveness by providing reservation of seats to all categories during the admission process.

Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 92.83

2.1.1.1 Number of students admitted from the reserved categories as per GOI or State Government norms year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
13	13	12	14	12

2.1.1.2 Number of seats earmarked for reserved categories as per GOI or State Govt. norms year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
15	14	13	14	13

File Description	Document
Institutional data in prescribed format	[View Document](#)
Final admission list published by the HEI	[View Document](#)
Copy of letter issued by state govt. or and Central Government (which-ever applicable) Indicating the reserved categories to be considered as per the GO rule (translated in English)	[View Document](#)
Any additional information	[View Document](#)
Annual Report/ BOM report/ Admission report duly certified by the Head of the Institution	[View Document](#)
Admission extract submitted to the state OBC, SC and ST cell every year.	[View Document](#)

2.1.2

Average percentage of seats filled in for the various programmes as against the approved intake

Response: 75.79

2.1.2.1 Number of seats filled-in for various programmes offered by the College as against the approved intake during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
70	54	64	65	60

2.1.2.2 Number of approved seats for the same programme in that year

2021-22	2020-21	2019-20	2018-19	2017-18
82	82	83	83	83

File Description	Document
The details certified by the Head of the Institution clearly mentioning the programs that are not covered under CET and the number of applications received for the same	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any other relevant information	[View Document](#)

2.1.3

Average percentage of Students admitted demonstrates a national spread and includes students from other states

Response: 33.44

2.1.3.1 Number of students admitted from other states year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	12	25	28	24

File Description	Document
List of students enrolled from other states year-wise during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
E-copies of admission letters of the students enrolled from other states	[View Document](#)
Copy of the domicile certificate as part of the from other states and countries and/or Previous degree/Matriculation / HSC certificate from other state or country	[View Document](#)

2.2 Catering to Student Diversity

2.2.1

The Institution assesses the learning levels of the students, after admission and organises special Programmes for advanced learners and slow performers

The Institution:

1. **Follows measurable criteria to identify slow performers**
2. **Follows measurable criteria to identify advanced learners**
3. **Organizes special programmes for slow performers**
4. **Follows protocol to measure student achievement**

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Criteria to identify slow performers and advanced learners and assessment methodology	[View Document](#)
Consolidated report of special programs for advanced learners and slow learners duly attested by the Head of the Institution	[View Document](#)
Any other information	[View Document](#)

2.2.2

Student - Full- time teacher ratio (data of preceding academic year)

Response: 3.55

File Description	Document
List of students enrolled in the preceding academic year	[View Document](#)
List of full time teachers in the preceding academic year in the University	[View Document](#)
Institutional data in prescribed format (data Templates)	[View Document](#)

2.2.3

Institution facilitates building and sustenance of innate talent /aptitude of individual students (extramural activities/beyond the classroom activities such as student clubs, cultural societies, etc)

Response:

DSCDS provides ample opportunities for students to build and sustain their innate talent/aptitude through extramural activities. We recognize that every individual student is endowed with his/her own distinct potential. This may manifest in fields as diverse as academics & research, to sport or even in a cultural field. An effective means to identify this in our students may be available as early as in the first year of their study when students exhibit greater interest or curiosity in a particular activity/subject. We, at our institution strive to identify these talents & nurture them through effective means so that every student achieves an all round holistic growth as both an individual and as a healthcare professional.

While academics forms the cornerstone of our endeavors where in our students are put through a robust training mechanism which involves theory classes, practical/clinical postings, exams, etc., students are also encouraged to participate in student conferences, competitions, CDE programs workshops as organized by the college to ensure that every student is kept abreast with the latest in Dentistry.

The institution through the Department of Public Health Dentistry conducts many camps in and around Bengaluru in which interns & post graduate students take part on rotation basis. These camps while being of enormous help to the underprivileged sections of the society, also help in the growth of our students as able administrators, clinicians and as responsible citizens with awareness of their social responsibilities. Important days in the healthcare & community domain like Oral Health Day, World No-Tobacco Day, Womens Day, Oral Cancer Day are celebrated within & outside of college by our students by conducting Skits, Flash Mobs, Dances, Rallies, Processions.

DSCDS gives equal importance for both classroom and beyond classroom activities to keep students interested. Vibrant cultural & sports activities makes up the remainder of the students' talent & skill development experience. Having students with us from different parts of the country, a diverse & comprehensive cultural week is celebrated wherein a theme is selected in advance and celebrations like events & competitions are planned accordingly. A student council has been constituted which plans to bring to DSCDS various beyond classroom activities through like fresher's day, graduation day

international women's day, teacher's day, international yoga day, children's day, convocation ceremony to list a few. The cultural committee and the sports committee in accordance with the student council take decisions with regards to scheduling and conducting the events in an organized manner. Students are also encouraged to keep fit and take active part in sports with the intention of inculcating a sense of fair play & teamwork. Tournaments for both indoor & outdoor games are conducted annually wherein many students participate. Some of our students have also represented the institution at the state & national level games and have brought us many accolades.

File Description	Document	
Link for Appropriate documentary evidence	[View Document](#)	
Link for any other relevant information	[View Document](#)	

2.3 Teaching- Learning Process

2.3.1

Student-centric methods are used for enhancing learning experiences by:

- **Experiential learning**
- **Integrated/interdisciplinary learning**
- **Participatory learning**
- **Problem solving methodologies**
- **Self-directed learning**
- **Patient-centric and Evidence-Based Learning**
- **Learning in the Humanities**
- **Project-based learning**
- **Role play**

Response:

Our institution focuses extensively on Student-centric learning, which is reviewed, renewed and reinforced periodically by various committees monitoring the Teaching-Learning system.

Experiential Learning (EL)

EL is an essential learning method in dentistry and inculcated in our students by training through preclinical exercises such as, hands on learning on models and phantom heads. Then, they begin handling patients by first learning the verbal and communication skills through soft skill programs tailored for the same. Students are then trained in clinics, from taking case history to case discussions, chair side viva and then start with the application of treatment procedures on patients once they have been trained and are confident enough.

Integrated/Interdisciplinary Learning: Inter-disciplinary Learning is ingrained in our students through integrated methods which help in training our students to learn and deliver sound & comprehensive

treatment planning. Students are encouraged to discuss each case with all departments and involving their opinion in treating the patient as a whole. Inter departmental committee exists within the institution through which interdepartmental meets are periodically conducted to ensure comprehensive treatment plan is achieved for every single patient.

Participatory Learning

Students from first BDS are trained to actively participate in seminars and scientific events conducted in the college as well as elsewhere in competitive fora, to enhance their learning through active participation.

Problem Solving

Students develop the problem-solving skills through exposure to Case-based scenarios, mock patient scenarios, models and power point presentations. Students are trained to comprehensively analyze and deduce the appropriate solution customized for individual patients regarding diagnosis, treatment planning and possible treatment outcomes.

Patient-Centric and Evidence-Based Learning

Right from their formative pre-clinical days our students are guided and trained to have a patient centric and evidence-based clinical approach that keeps the best interests of the patient at the core of our treatment philosophy. To augment this, students are adequately trained to develop necessary communication skills to garner patients' trust and confidence, base their diagnosis & treatment planning through evidence-based learning backed by latest scientific knowledge.

Learning In The Humanities

With the help of our Public Health Dentistry Department, we organize many camps, public

outreach programs in nearby areas and have even adopted a village to cater to the oral health needs of the people there. With this, our students & faculty get an experience of the various cultures, philosophies of different groups of population, understand the problems faced by the common man and derive the needed skill set to deal with such scenarios. Teamwork, social responsibility, critical thinking are some of the key areas our students get trained for as learning in the humanities.

Self-Directed Learning (SDL)

With increased access to information digitally, the college has Provided HELINET & NDLI access in the Library for our students, to acquire adequate Self-directed learning. Students are encouraged to present seminars, journal clubs, dissertations which promotes self-directed learning. The institution also encourages peer teaching to promote SDL.

File Description	Document
Link for learning environment facilities with geotagging	[View Document](#)
Link for any other relevant information	[View Document](#)

2.3.2

Institution facilitates the use of Clinical Skills Laboratory / Simulation Based Learning

The Institution:

1. **Has Basic Clinical Skills / Simulation Training Models and Trainers for skills in the relevant disciplines.**
2. **Has advanced simulators for simulation-based training**
3. **Has structured programs for training and assessment of students in Clinical Skills Lab / Simulation based learning.**
4. **Conducts training programs for the faculty in the use of clinical skills lab and simulation methods of teaching-learning**

Response: A. All of the above

File Description	Document
Report on training programmes in Clinical skill lab/simulator Centre	[View Document](#)
Proof of patient simulators for simulation-based training	[View Document](#)
Proof of Establishment of Clinical Skill Laboratories	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geotagged Photos of the Clinical Skills Laboratory	[View Document](#)
Details of training programs conducted and details of participants.	[View Document](#)
Any other relevant information	[View Document](#)

2.3.3

Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources

Response:

In addition to traditional teaching methods, our institution ensures that the Teaching-Learning sessions are made more interesting and interactive by making use of ICT-enabled tools & platforms. This has been made possible with the use of Power-point presentations which is conducted in all the classrooms which are sufficiently equipped with Overhead projectors and screens. The college has a dedicated Wi-Fi connection for augmented educational delivery.

The challenges of the pandemic times, has brought a positive change in the teaching-learning methodologies by our faculty who have been delivering e-content using various virtual platforms like ZOOM, WEBEX and GOOGLE TEAMS to ensure continuous education to the students. Many classes, meetings & discussions are supplicated with use of these platforms. Online video clippings of relevant study material are also used from free platforms like YOUTUBE and such clips are hyperlinked to PPT presentations. Smart TV's are present in every department and used as a mode of patient and student education on various procedures.

Some innovative adaptations of these virtual practices are followed in Department of Oral Pathology where histopathology slides are focused in a digital microscope to show the intended field on a big screen for the clarity of all students simultaneously.

The messaging platform of WHATSAPP also serves as a virtual notice board for students where circulars and announcements are made available instantly by messaging the required content on it. All students are enlisted according to their years on WhatsApp and are kept in virtual communication accordingly.

Many clinical departments make use of digital means to treat patients which also serve as a means of learning for students.

The Dental Management Software Clinical patient management software that is in use in every department of the college enriches the subject knowledge of the students. Through this, every patient is mapped and the treatment particulars, radiographs, reports are all uploaded in a digital format after scanning. This way, the patient particulars are visible for all in the college to see, to follow up on previous treatments, to have interdepartmental/ interdisciplinary discussions and to arrive at the best diagnosis & treatment plan for every patient. This software helps us become a paperless campus as even the radiographs are instantly uploaded into the server and can be accessed in any department through the login portal of the X-ray server. Our institution possesses latest technological innovations which assist in the diagnosis of dental conditions like Radio visuography, Digital Ortho pantomograph, and digital microscope, Nemoceph, Local anesthesia simulator manikin.

Department of Oral Medicine uses a digital OPG machine to record & house radiographs of patients in a digital format while Department of Conservative Dentistry makes use of Microscopes in dental treatment whose images are stored in a digital format on computer systems which aid in the clinical Teaching-Learning process.

The central library is equipped with access to e-resources from different sources like HELINET, NDLI,etc. These platforms give students access to books, journals and events in which they can learn and participate in various competitive fora.

File Description	Document
File for list of teachers using ICT-enabled tools (including LMS)	[View Document](#)
File for details of ICT-enabled tools used for teaching and learning	[View Document](#)

Link for any other relevant information	[View Document](#)	
Link for webpage describing the "LMS/ Academic Management System"	[View Document](#)	

2.3.4

Student :Mentor Ratio (preceding academic year)

Response: 4.35

2.3.4.1 Total number of mentors in the preceding academic year

Response: 62

File Description	Document
Log Book of mentor	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of circular pertaining the details of mentor and their allotted mentees	[View Document](#)
Approved Mentor list as announced by the HEI Allotment order of mentor to mentee	[View Document](#)
Any other relevant information	[View Document](#)

Link for any other information	[View Document](#)	

2.3.5

The teaching learning process of the institution nurtures creativity, analytical skills and innovation among students

Response:

DSCDS understands that in today's constantly evolving world, especially since the pandemic, inculcating creative thinking in students is an important way to hold on to their interests which has a direct bearing on their performance and eventual success. Therefore, our institution attaches utmost importance in employing creative teaching methods with an intent on inculcating innovative thinking in

students.

To accomplish this, teaching methods have been redesigned, with various techniques of teaching being employed in every department. Spotters of material and instruments are maintained so that the students are taught about the various armamentarium used for variety of procedures. Quizzes, group discussions are regularly held at department levels to keep students updated with the new advancements. These exercises also help teaching students the essence of team work to arrive at a effective solution to a particular issue by way of consensus. Assignments and projects given are more practical in nature wherein students can appreciate results and this kind of hands on Project-Based Learning not only encourages participation but also has increased their curiosity & interest in the subjects. Pre clinical patient simulation labs are areas where students are allowed to work on patient simulators and this immensely helps them to deal with life-like situations which they might encounter at a later date. Tooth carving is another area where students get creative with their hand skills and are trained to carve out life-like teeth. The hand-eye co-ordination has improved with this practice. They are also sent out for intercollegiate competitions, table clinic preparations, paper & poster presentations, where their imagination & ability to come up with creative ideas are given wings.

The institution also stresses on learning and practicing evidence-based dentistry. The various case-based discussions, journal clubs are times when students are made to come up with tangible solutions and treatment approaches all of which is intended to promote analytical skills. Students also develop the skills of teamwork and group discussions by this and also enables the students to discuss and present the projects to a larger audience which helps in boosting their confidence levels.

Our institution has also made available many CDE programs to introduce the concept of IPR & Patents to students with the intention of giving them an edge in areas of entrepreneurship & startup culture. DSCDS encourages students to pursue research in various fields of dentistry. Students are guided to apply for research grants at state & national level platforms and some students have even been successful in receiving scientific research grants to take forward & complete their research.

The institution also recognizes that a healthy mind & body is essential for any growth. For this, the college has a dynamic soft skill program, counseling sessions and a physical activity room that makes sure that all the wellness needs of all our students are met with

File Description	Document
Link for appropriate documentary evidence	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Average percentage of fulltime teachers against sanctioned posts during the last five years

Response: 69.23

File Description	Document
Sanction letters indicating number of posts (including Management sanctioned posts) by competent authority (in English/translated in English)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Links for additional information	[View Document](#)

2.4.2

Average percentage of fulltime teachers with Ph.D./D.Sc./ D.Lit./DM/M Ch/DNB in super specialities /other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences (like MD/ MS/ MDS etc.,) for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils /Affiliating Universities.

Response: 6.14

2.4.2.1 Number of fulltime teachers with Ph.D/D.Sc./D.Lit./DM/M Ch/DNB in super specialities / other PG degrees (like MD/ MS/ MDS etc.,) in Health Sciences for recognition as Ph.D guides as per the eligibility criteria stipulated by the Regulatory Councils. Last five years data to be entered.

2021-22	2020-21	2019-20	2018-19	2017-18
3	4	4	4	5

File Description	Document
Institutional data in prescribed format	[View Document](#)
Copies of Guideship letters or authorization of research guide provide by the the university	[View Document](#)
Any additional information	[View Document](#)

2.4.3

Average teaching experience of fulltime teachers in number of years (preceding academic year)

Response: 10.63

2.4.3.1 Total teaching experience of fulltime teachers in number of years (cumulative experience)

Response: 807.63

File Description	Document
Institutional data in prescribed format	[View Document](#)
Consolidated Experience certificate duly certified by the Head of the insitution	[View Document](#)

2.4.4

Average percentage of teachers trained for development and delivery of e-content / e-courses during the last 5 years

Response: 76.59

2.4.4.1 Number of teachers trained for development and delivery of e-contents / e-courses year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
76	55	62	28	29

File Description	Document
Institutional data in prescribed format	[View Document](#)
Certificate of completion of training for development of and delivery of e-contents / e-courses / video lectures / demonstrations	[View Document](#)
Any additional information	[View Document](#)

2.4.5

Average Percentage of fulltime teachers who received awards and recognitions for excellence in teaching, student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations / academies during the last five years

Response: 12.57

2.4.5.1 Number of fulltime teachers who received awards and recognitions for excellence in teaching and student mentoring, scholarships, professional achievements and academic leadership at State, National, International levels from Government / Government-recognized agencies / registered professional associations */ academies* during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
34	2	2	2	6

File Description	Document
Institutional data in prescribed format	[View Document](#)
e-Copies of award letters (scanned or soft copy) for achievements	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

The Institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation and ensures that it is robust and transparent

Response:

DSCDS strictly adheres to the academic calendar as mandated by RGUHS & is prepared in advance so as to keep all the stakeholders informed of the key dates through the academic year which includes amongst many other schedules, the dates for commencement of academic session, dates for fee payment, Continuous Internal Evaluation (CIE), examination schedules.

The Institution ensures annually, three CIEs are conducted for undergraduates, in the form of written theory examinations, clinical / practical examinations and viva-voce. The exact dates for the CIE are announced through circulars and WhatsApp group messages, well in advance so the students have ample time to plan and prepare. The institution follows a centralized system to conduct the CIE. The Examination Hall/s are under video surveillance. The CIE question paper pattern and duration are set as per RGUHS guidelines. The set question paper/s are submitted to the examination coordinator who then is responsible for the safe keeping of the question paper and timely disbursal of the same on the day of the CIE. After the exam process, the answers scripts are sent to the respective departments where faculty members evaluate them. The list of each CIE marks is displayed on the departmental notice-board for the students to view. The evaluated scripts are also shared with the students and any doubts or issues regarding the valuation are clarified and resolved by the concerned subject faculty. Makeup assignments are given and remedial test/retest is conducted for students who have missed the CIE and also for poor performers. Following the theory exams, practical exams are conducted. Three practical CIEs are conducted for 1st, 2nd and 3rd BDS students as per the CIE time table and as for the 4th year students two posting end test are conducted at the end of their clinical posting in the respective departments. Depending on the availability of time, one common final practical test is conducted just before the submission of the final marks to the university. The average marks of three such continual internal assessments are then considered as the final internal marks which is then sent to the University. In order to maintain total transparency, the final marks list is displayed on the notice board for the students to see and their signatures are obtained before uploading the marks to the RGUHS website.

Post graduates are continually assessed on various exercises like Seminars, Journal Club presentations, pre-clinical & clinical work, scientific papers & posters presentations at conferences, conventions, etc. Feedback for all these are provided by the respective departmental faculty and corrective actions needed are undertaken. The Post Graduate students have 2 University examinations, one at the end of their first year which assess them in basic sciences and one more at the end of their 3rd year which is the main exam. Mock exams are conducted prior to University exams in the 1st and 3rd MDS years. Mock practical examinations are conducted by departments wherein one departmental faculty becomes an internal examiner & another faculty member from a different college is invited as an external examiner to assess the postgraduate student.

File Description	Document
Link for dates of conduct of internal assessment examinations	View Document
Link for any other relevant information	View Document
Link for academic calendar	View Document

2.5.2

Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

The institution makes effective arrangements for the smooth conduct of the CIE. The CIE question paper pattern and duration are set as per RGUHS guidelines. After the exam process, the answers scripts are sent to the respective departments where faculty members evaluate them. The evaluated scripts are shared with the students and any doubts or issues regarding the valuation are clarified and resolved by the concerned subject faculty. Grievances reported are generally related to the nature of questions asked in the question papers, totalling mistakes, and clarifications related to the quality of answers written for which marks are awarded. The faculty deal with all these grievances on an individual case-to-case basis. The grievances are patiently listened to, addressed, and resolved. In order to maintain total transparency, the final marks list is also shared with the students, and their signatures are obtained before uploading the marks to the RGUHS website.

The exams conducted by the university are done under strict video surveillance by the University authorities themselves. The University appoints an Observer for the entire duration of the exams. Along with this, there is also a flying squad of the University that makes surprise visits to the examination hall to make sure that the examination process is being conducted in a fair manner. After completion of every exam, the student's answer scripts are scanned and uploaded for digital valuation on the same day by designated staff members. To maintain transparency, the scanning is done under video surveillance and in the presence of the exam chief superintendent and university-appointed squad member. After the results of the university examinations are announced, if students have any grievances regarding the evaluation or the marks obtained, the same is brought to the notice of the student support, welfare, and grievance redressal committee of the college. The committee is chaired by the principal along with other faculty members and office personnel. The committee provides guidance to the students on the

application process within the stipulated time as mandated by the university. The University has a provision for the students to apply for a photocopy of the answer script and also to apply for re-totaling. On behalf of the students, the Liaison Officer of the college receives the request application form and letter duly signed by the student and countersigned by the principal and submits it to the university. Once the student receives the photocopy of the answer scripts the committee encourages the students to get it reviewed by the college faculty of the respective subject. Further, if required the committee guides the students to apply for re-totalling. After the University resolves the grievance and a response is received by the institution it is conveyed to the students and also to the grievance redressal committee.

File Description	Document
File for number of grievances regarding University examinations/Internal Evaluation	[View Document](#)
File for details of University examinations / Continuous Internal Evaluations (CIE) conducted during the last five years	[View Document](#)
File for any other relevant information	[View Document](#)

2.5.3

Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.

Response:

1. **Examination procedures:**

Annual examinations are conducted as per RGUHS regulations. The entire process is digitized starting from a downloadable question paper as sent by RGUHS, the copies of which are printed 10 mins prior to the start of each exam. Students are instructed to compulsorily carry their exam hall tickets and student IDs. Students are not allowed to leave the examination hall during the first 30 minutes of the exam. Students must obtain the Examination Chief Superintendents' permission to leave the hall anytime thereafter and before the end of the examination. Students who carry any unauthorized or prohibited material/s into the examination hall are liable to face disciplinary action.

2. **Process integrating IT:**

Exam application form for BDS and MDS is downloaded from the RGUHS website. Students, internal assessment marks, and attendance are uploaded well before the university exams. Answer scripts are scanned and uploaded through the RGUHS website, immediately after the examination. Digital valuation of the uploaded answer scripts is completed within the allotted date. Practical exam marks and viva-voce are conducted within 2weeks of the completion of the Theory exams usually. The marks obtained are uploaded through the RGUHS website at the end of the exam. Students can avail the photocopy of the answer script through online request portals.

3. **Continuous internal assessment system:**

Three centralized CIEs are conducted in an academic year for the undergraduates and the average of these tests is sent to the university. One centralized mock exam is conducted for the first and final-year postgraduate students prior to the university exam.

4. **Competency-based assessment:**

The competency of the students is assessed based on their habitual and consistent use of knowledge, technical skills, clinical reasoning and communication in daily clinical practice. This is done for both UG and PG students by internal assessments, chair side discussions or viva, and direct observation and feedback by all the faculty of the respective departments.

5. **Workplace-based assessment:**

Workplace-based assessment is done for both undergraduates and postgraduates in order to assess their clinical competency through case-based discussions and direct observations. This procedure involves patients in clinical departments and laboratory procedures/patient simulators in non-clinical departments. The 3rd and 4th BDS students are assessed during the end posting tests by the faculty of their respective departments and the postgraduates are assessed throughout the regular clinical assessments and also during their mock exams.

6. **Self-assessment:**

After completion of each chapter, the undergraduate students are given written tests and are made to evaluate themselves. Also, a class quiz is conducted for the students which motivate them to interact with their peers and perform well.

7. **OSCE/OSPE:**

Objective structured clinical examination is followed by all the clinical subjects. The students are assessed for various clinical skills – communication, history taking, physical examination, diagnosis, problem-solving, interpersonal skills, etc. The objective structured practical examination is followed by all the non-clinical/preclinical subjects. The students are assessed for practical skills – handling of materials, use of patient simulators, models, specimens and slides, and spotters

File Description	Document
Link for Information on examination reforms	[View Document](#)

2.5.4

The Institution provides opportunities to students for midcourse improvement of performance through specific interventions

Opportunities provided to students for midcourse improvement of performance through:

1. **Timely administration of CIE**
2. **On time assessment and feedback**
3. **Makeup assignments/tests**
4. **Remedial teaching/support**

Response: A. All of the above

File Description	Document
Re-test and Answer sheets	[View Document](#)
Policy document of the options claimed by the institution duly signed by the Head of the Institution	[View Document](#)
Policy document of midcourse improvement of performance of students	[View Document](#)
List of opportunities provided for the students for midcourse improvement of performance in the examinations	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1

The Institution has stated the learning outcomes (generic and programme-specific) and graduate attributes as per the provisions of the Regulatory bodies and the University; which are communicated to the students and teachers through the website and other documents

Response:

Institution strictly follows the Learning Outcomes (generic and programme-specific) and graduate attributes as stipulated by the affiliating RGUHS and **the said document is uploaded for immediate reference and records.**

Learning outcomes of the BDS course: The Under-Graduate Dental student should have:

- Adequate knowledge of the scientific foundations on which dentistry is based and relevant scientific methods, principles of biological functions
- Adequate knowledge of the development, structure and function of the teeth, and other oral tissues both in health and disease and their relationship and effect on general-state of health, physical and social well-being of the patient.
- Ability to diagnose, plan treatment and manage any complications.
- Competency in control of pain and anxiety during dental treatment.
- Skills to carry out required investigative procedures and ability to interpret laboratory findings.

- Ability to promote oral health and help prevent oral diseases

Learning outcomes of the MDS course: The Post-Graduate Dentist should be able to:

- Describe etiology, patho-physiology and principles of diagnosis and management of common problems within the specialty
- Acquire and update knowledge by attending courses, conferences and seminars relevant to specialty
- Carryout research with the aim of publishing or presenting the work at various professional forums
- Acquire adequate skills and competence in performing various procedure required in the specialty
- Should be able to treat complex cases in their respective specialties and also by interdisciplinary approach

DENTAL GRADUATE ATTRIBUTES: Dental Graduates will have to be trained to have these attributes.
Academic attributes

- Professionalism and ethics
- Community oral health perspective
- Soft skills
- Perform all the above and be successful in evaluation by the guidelines of the regulating body and continuously upgrade their skills.

Implementation, evaluation and assessment of Learning Outcomes & Graduate Attributes:

- Through planned curriculum for each year followed by periodic internal assessments, yearly exam as per regulations of the university. Under Graduate (UG) students will have 3 internals of theory and practicals/clinicals.
- Pre clinical and clinical posting as per university regulations for both UG and Post Graduate (PG) students
- PG students will have clinical quota, evaluation of seminars, journal clubs , case presentations, thesis, library dissertation, university theory and clinical examinations.
- CDE programs/workshops
- Camps, peripheral postings
- Curated programs on soft skills for each year

All these are communicated to the students and faculty through college notice board, website and during undergraduate and post graduate orientation programme at the commencement of academic year.

File Description	Document
Link for methods of the assessment of learning outcomes and graduate attributes	[View Document](#)
Link for upload Course Outcomes for all courses (exemplars from Glossary)	[View Document](#)
Link for relevant documents pertaining to learning outcomes and graduate attributes	[View Document](#)

2.6.2

Incremental performance in Pass percentage of final year students in the last five years

Response: 84.7

2.6.2.1 Number of final year students of all the programmes, who qualified in the university examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
51	67	79	81	73

2.6.2.2 Number of final year students of all the programmes, who appeared for the examinations in each of the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
61	77	103	96	84

File Description	Document
Trend analysis for the last five years in graphical form	[View Document](#)
Reports from Controller of Exam (COE) office/ Registrar evaluation mentioning the relevant details and the result analysis performed by the institution duly attested by the Head of the Institution	[View Document](#)
List of Programmes and the number of students passed and appeared in the final year examination each year for the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Link for the annual report of examination results as placed before BoM/ Syndicate/ Governing Council for the last five years	[View Document](#)

2.6.3

The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes.

Response:

Teaching, Learning & Assessment is a continuous & at the same time, a dynamic process that we at our institution take very seriously. We have adopted the GROW (Goal, Reality, Option & Will) model of coaching at our institution. This effective & structured mechanism of coaching has been the backdrop of our student training methods. Along with this, we have constituted a two pronged approach to achieve the required teaching- learning outcomes.

1. Measures directed at training the faculty
2. Measures directed at the students

The faculty are kept abreast to the latest and effective teaching methodologies and training methods by way of faculty development programs, teacher trainer programs and workshops that are conducted by the University and also by our institution. The faculty take theory, practical & clinical sessions for the students as per the academic calendar and all of this is whetted by the head of the respective department so that validated & relevant content is made available to the students. A feedback mechanism is also put in place wherein the students give a faculty feedback to a dedicated feedback committee in college. This mechanism makes sure the quality of teaching is maintained and also pointers given by this mechanism is used to improve the entire teaching-learning mechanism.

The students are taught keeping a structured curriculum development plan as the backbone. The teaching is carried out through various modes of blackboard and whiteboard teaching, power-point presentations, online platforms like zoom and WEBEX to stream classes when required. The students are assessed at regular intervals by means of continuous internal examinations (CIE), posting end tests, chair-side viva

session, seminars, journal clubs, case discussions, etc. keeping in mind that dentistry is a highly skill based program, we have also incorporated pre-clinical & clinical exercises for students to train & test their clinical skill abilities. In addition to this, students who need extra attention and academic help are provided with remedial sessions & exams.

Our institution recognizes the need to change from a passive, lecture driven teaching mindset to a more active, engaging teaching-learning experience wherein students are encouraged to get hands on experience in learning topics, skills, etc made possible through the various continuous dental educations programmes, clinical workshops, conducted in college along with the numerous research opportunities & projects that the students are encouraged to apply and take up at the various platforms. Students also take part in various conferences & conventions to present scientific papers, posters, table clinics, models, etc wll of which add to their experience of learning better.

In addition to all these measures, we also have structured assessments like theory MCQs, home assignments, practical record completion, OSPE/OSCE training, group discussions on topics, etc. These constitute an array of our formative assessment framework and this coupled with the regular CIEs, posting end tests & practical/clinical examinations, which are our summative assessment methods, certainly align our institutional teaching-learning methodology in line with the stated programme specific Learning Outcomes

File Description	Document
Link for programme-specific learning outcomes	[View Document](#)

2.6.4

Presence and periodicity of parent-teachers meetings, remedial measures undertaken and outcome analysis

Response:

Regular Parent teacher meetings are organized in the college. Year wise coordinators for each year schedule the Parent Teacher Meetings (PTM). The PTMs are held at the beginning of each academic term. The date of the meeting is informed to the parents and the students well in advance. The academic progress of the student is discussed at the meeting. The parents are allowed to meet the entire faculty. Parents are informed about their wards performance in internal assessments, their strengths and weaknesses and also regarding their attendance.

Corrective measures where required will be carried out in the form on one-on-one counseling, remedial classes, remedial exams, etc. Even meetings with their respective mentors are conducted to help students wherein any outstanding issues might need to be discussed and will be tried to be solved. Counseling with an external qualified expert is also provided to the students who required the same. Remedial classes, additional theory tests, practical/clinical daxaminations are conducted for slow learners to improve both their confidence and performance in the examinations. Where the students were lagging behind in clinical quota completion, extended lab postings were provided to help complete the same. The students are encouraged to solve previous years question papers to aid them in preparing better for exams.

Students who suffered from anxiety and low self-esteem were counseled and were given extra help and attention. Advanced learners are also identified and are individually encouraged to work more, take up student research activities and competitions organized by the University and central and state bodies like Indian Council of Medical Research (ICMR), Rajiv Gandhi University of Health Sciences (RGUHS). They are constantly helped with selecting topics they were interested in so that the same could be presented as short studies/ papers at various academic forums. All these issues are discussed with the parents and necessary help is provided. Proceedings are usually documented and communicated to the office.

The students who in their first year BDS were depressed, as they wanted to take up MBBS, after being explained the scope of BDS, began to take an active interest in the course. Students who suffered from home sickness and who were unable to perform due to certain health/ personal issues, as also students who suffered from anxiety and low self-esteem were counseled and were given extra help and attention. For students who had difficulty in completing their clinical quotas remedial practical sessions were arranged to tackle this issue. It has been observed that the remedial hours have helped the students in finishing their clinical quotas before they appeared for their examinations.

File Description	Document
Link for proceedings of parent –teachers meetings held during the last 5 years	[View Document](#)
Link for follow up reports on the action taken and outcome analysis.	[View Document](#)
Link for any other relevant information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.69

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1

Percentage of teachers recognized as PG/ Ph.D research guides by the respective University

Response: 37.76

3.1.1.1 Number of teachers recognized as PG/Ph.D research guides during the last 5 years

2021-22	2020-21	2019-20	2018-19	2017-18
29	25	25	20	26

File Description	Document
List of full time teacher during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copies of Guideship letters or authorization of research guide provide by the university	[View Document](#)
Any additional information	[View Document](#)

3.1.2

Average Percentage of teachers awarded national /international fellowships / financial support for advanced studies/collaborative research and participation in conferences during the last five years

Response: 25.18

3.1.2.1 Number of teachers awarded national/ international fellowship / Financial support for advanced studies/collaborative research and conference participation in Indian and Overseas Institutions year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	8	18	10	25

23-09-2023 06:51:24

File Description	Document
Institutional data in prescribed format	[View Document](#)
Fellowship award letter / grant letter from the funding agency	[View Document](#)
Any additional information	[View Document](#)

3.1.3

Total number of research projects/clinical trials funded by government, industries and non-governmental agencies during the last five years

Response: 13

3.1.3.1 Number of research projects/clinical trials funded by government/industries and non-government agencies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
2	7	4	0	0

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copies of the grant award letters for research projects sponsored by Government, industries and non-government sources such as industries, corporate houses etc	[View Document](#)
Any additional information	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The institution provides a supportive environment for research and has created an ecosystem for innovation and transfer of new knowledge making it possible to motivate the faculty and students to focus on research-related endeavors driving them for knowledge in academics and research. The institution has Advanced Research Committee – **the Institutional Review Board (IRB)** which looks

into new Research ideas, proposals and supports them by providing grants and funds as well as space and infrastructure. The IRB is actively involved in scrutiny of research work. and research proposals that can be submitted for seeking intra & extra-mural grants.

DSCDS aims at instilling research and innovation mindset from the undergraduation level itself. Every year many of our undergraduate students apply for various funding agencies and are successful in obtaining grants from RGUHS, ICMR to name a few. Even our PG students and faculty have keen interest towards research and innovation.

Year	TITLE	Investigators
2017	Lingual DIGI - JIG	Dr.Dhruvi Parikh Dr. Hemanth M
	Canine tracker - A smart sensor for canine orientation	Dr. Aparna Nair Dr. Hemanth M
2018	Lost and found - A metal finder	Dr.Theresa Mathew Dr.Karthik Kabbur
2021		Dr. Pavitra T Dr.Pallavi Nanaiah
	Development of AI based software for the early detection of incipient bone loss	Dr. Sindhu Dr.Ramnarayan
	Developing and validating an AI Algorithm in determination of	

cervical vertebral staging using lateral cephalograms.	

Institution has signed an MoU with DERBI Foundation and in future would do the innovation programs in collaboration with it. DERBI Foundation is not for profit section 8 company, a healthtech focused technology business hosted by the Dayananda Sagar Institutions and is recognized and supported by Department of Science & technology, Ministry of Electronics & IT and Invest India from Government of India and Karnataka Innovation Society, Government of Karnataka. It supports healthcare startups across their business cycle, viz, from idea to commercialization through mentoring, go-to market strategies, pilot trials, prototyping support, grants and seed funding.

The two said institutions agree to the following general areas of interest and cooperation:

1. Sharing technical infrastructure with regard to using the Incubation centre and R & D facilities at DERBI Foundation, Bengaluru.
2. Sharing of intellectual expertise for skill oriented training of Faculty, under Graduate and postgraduate students
3. Sharing of knowledge and promotion of skill based training in the field of Research and Development for the benefit of Post Graduate Students as well as per the existing University requirements.
4. Joint promotion of each other's expertise and capabilities
5. Supporting innovators and start-ups in idea validation, pilot testing and clinical trials

For promoting research, the institution has the required equipment and well-stocked laboratories as well as facilities to utilize the provisions of our sister institutions viz., Pharmacy college, various courses of engineering college, Bio-technology etc. for enhancing knowledge. Institution also provides financial support for publishing research articles, for fellowships & knowledge-enhancement programs. Institution also conducts programs on IPR to create awareness & interest in patent filing & related process.

DSCDS staff have applied for 1 patent and already have 3 patents to there credit, showing the importance given for innovation.

File Description	Document
Link for details of the facilities and innovations made	[View Document](#)
Link for any other relevant information	[View Document](#)

3.2.2

Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) Research methodology, Good Clinical, Laboratory, Pharmacy and Collection practices, writing for Research Grants and Industry-Academia Collaborations during the last five years

Response: 69

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
20	11	8	18	12

File Description	Document
Report of the workshops/seminars with photos	[View Document](#)
Institutional data in prescribed format	[View Document](#)

3.3 Research Publications and Awards

3.3.1

The Institution ensures implementation of its stated Code of Ethics for research.

The Institution has a stated Code of Ethics for research, the implementation of which is ensured by the following:

1. **There is an Institutional ethics committee which oversees the implementation of all research projects**
2. **All the projects including student project work are subjected to the Institutional ethics committee clearance**
3. **The Institution has plagiarism check software based on the Institutional policy**
4. **Norms and guidelines for research ethics and publication guidelines are followed**

Response: A. All of the above

File Description	Document
Share the code of ethics of research clearly stating the claims of the institution duly signed by the Head of the Institution	[View Document](#)
Institutional data in prescribed forma	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

3.3.2

Average number of Ph.D/ DM/ M Ch/ PG Degree in the respective disciplines received per recognized PG teacher of the Institution during the last five years.

Response: 1.14

3.3.2.1 Number of Ph.D.s /DM/M Ch/PG degrees in the respective disciplines received per recognized PG teachers of the Institution during the last five years.

Response: 105

3.3.2.2 Number of PG teachers recognized as guides by the Regulatory Bodies / Universities during the last five years.

Response: 92

File Description	Document
PhD/ DM/ M Ch/ PG Degree Award letters of students (with guide's name mentioned)	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for any additional information	[View Document](#)

3.3.3

Average number of papers published per teacher in the Journals notified on UGC -CARE list in the UGC website/Scopus/ Web of Science/ PubMed during the last five years

Response: 1.56

File Description	Document
Institutional data in prescribed forma	[View Document](#)
Any additional information	[View Document](#)
Web-link provided by institution in the template which redirects to the journal webpage published in UGC notified list	[View Document](#)
Link for Additional Information	[View Document](#)

3.3.4

Average number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedingsindexed in UGC-CARE list on the UGC website/Scopus/Web of Science/PubMed/ during the last five years

Response: 0

File Description	Document
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

3.4 Extension Activities

3.4.1

Total number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS / NCC / Red Cross / YRC / Institutional clubs etc. during the last five years.

Response: 146

3.4.1.1 Number of extension and outreach activities carried out in collaboration with National and International agencies, Industry, community, Government and Non-Government organizations engaging NSS/NCC/Red Cross/YRC/Institutional clubs etc. during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
32	3	43	41	27

File Description	Document
Photographs or any supporting document in relevance	[View Document](#)
List of students in NSS/NCC/Red Cross/YRC involved in the extension and outreach activities year-wise during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated	[View Document](#)
Link for Additional Information	[View Document](#)

3.4.2

Average percentage of students participating in extension and outreach activities during the last five years

Response: 99.48

3.4.2.1 Number of students participating in extension and outreach activities year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
270	258	274	310	325

File Description	Document
Institutional data in prescribed forma	[View Document](#)
Detailed program report for each extension and outreach program should be made available, with specific mention of number of students and collaborating agency participated and amount generated Photographs or any supporting document in relevance	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

3.4.3

Number of awards and recognitions received for extension and outreach activities from Government / other recognised bodies during the last five years

Response:

Our commitment towards community outreach programs and social responsibility towards the society are recognized and appreciated by various government and non-government bodies. Many screening and treatment camps were conducted regularly in the nearby areas, in various parts of the states and even in neighbouring states. Our faculty members, undergraduates and post graduates actively participated in the camps organized by the various government / recognized bodies and successfully treated thousands of patients who required various kinds of treatment.

Non-government recognized bodies like Rotary club, Lions club, private and public schools, old age homes, NGOs, NMO, Karnataka cancer society have appreciated our programs. A total of 191 camps have been conducted with 18,551 patients treated and 1500 students participating in the same with a number of appreciation letters.

Our students were actively involved in covid vaccination drive since its inception in 2021. Students were also involved with government primary health centres and different other private organizations for the same. Our service was recognized and appreciated by the Government primary health centre and other recognized bodies. Faculty members and interns were actively involved in tele-consultation during covid time and also were recognized and appreciated by "Step One" for our active involvement in tele-consultations.

We always aim at instilling social values and moral responsibility within the students through various such activities.

Government Organization:

Sl. No.	Activity	Award	Awarding agency	year
	Treatment Camp			
1	Anjaneya temple		Medical Officer	
2	Tata Silk farm		Medical Officer	
3	Yediyur Dispensary		Medical Officer	2017-18
		Appreciation letter		
4	Vyalikaval		MLA Office	
5	BMTC Depot • Shantinagar • Jayanagar • Banashankari		DEPO Manager	2018-19

6	Government schools - KS layout - Urban school		Headmaster	2019-20
7	Karnataka public school, Hosayalanadu	Appreciation letter	Principal	2020- 21
8	Shasakara Bhavana, Banashankari		MLA Office	
9	Tavarekere		NDHP district programme officer	2021-22

Non-Government Organizations:

Sl. No.	Activity	Award	Awarding agency	Year
1.	Treatment Camp : Balajinagar		Media relation	
2	Ittamadu		Media relation	
3	Eliyaznagar		Media relation	
4	G G Halli		Media relation	
5	IQRA Public school		Mobility India rehabilitation and research centre	
6	chirantana valley	Appreciation letter	Prinicipal	2017- 18
7	Dayananda sagar College Of Physiotherapy		Prinicipal	

8	GNES School		Prinicipal	
9	Gnana Sagar		Prinicipal	
10	Rotary, Bangalore metro		Rotary club	
11	Rotary, Nagarabhavi		Rotary club	
12	Vishnu abhimanigala balaga	Appreciation letter	KVK foundation	2018- 19
13	Vismaya play school		Prinicipal	
14	Noor primary school		Prinicipal	
15	Alpine public school		Prinicipal	
16	Ambedkar park, Jayanagar		Dr. Jyothi	
17	Avanahalli public school		Community based rehabilitation	
18	Baldwin high school		Prinicipal	
19	Brilliance English school		Principal	
20	Christ university Janamudri	Appreciation letter	Christ university Principal	2019- 20
21	Vidyanikethan		Principal	
22	St France de school Magadi road		Principal	
23	Jarganahalli BBMP park		Lions club	

24	Abalashrama, Basavanagudi		Karnataka Cancer Society	
25	Al-Jalil exports, Maddur		Al-Jalil Exports	
26	Banashankari temple	Appreciation letter	Banashankari temple	2021- 22
27	Jayanagar 4th Block		Kannada Katte	
28	Jeevan sandhya old age home		Jeevan sandhya old age home	
29	Sri sai sneha foundation		Sr sai sneha foundation	
30	Anandhshram, old age home	Appreciation letter	General secretary	2021- 22

File Description	Document
Link for list of awards for extension activities in the last 5 year	[View Document](#)
Link for e-copies of the award letters	[View Document](#)
Link for any other relevant information	[View Document](#)

3.4.4

Institutional social responsibility activities in the neighborhood community in terms of education, environmental issues like Swachh Bharath, health and hygiene awareness, delivery of free/ subsidized health care and socio economic development issues carried out by the students and staff, including the amount of expenditure incurred during the last five years

Response:

Institutional Social Responsibility and commitment towards our neighbourhood community has always been the vision and mission of our institution. We always aim at instilling social values and moral

responsibility amongst our students. Community outreach programs and camps were conducted within our state and the nearby neighbouring states also. Regular visits to Old age homes and orphanages are organized. This kind of holistic approach and community outreach programs and initiatives help our students grow as socially responsible citizens.

Institution is tied up with various satellite clinics in collaboration with the state government PHC to provide service to the general public. State of the art mobile dental van is provided to reach the remote rural areas for screening and treatment of oral health related problems and also for oral health education. This has helped our students to improve their skill and also cultivate sense of social responsibility. Faculty and students are thoroughly trained in biomedical waste disposal. Seminar was conducted for Gender equality awareness.

Swachh Bharath Abhiyaan is aligned with clean campus initiative. Programs are conducted to work towards plastic free zone. Patient record system has been digitalised to become as paperless as possible. Our students actively participated in covid - 19 vaccination drive and also worked as volunteers in covid isolation centres. Students and faculty participated in Tele - consultation program by Step one which helped the home quarantined covid patients. Tobacco cessation cell is established which help the patients in quitting tobacco habits. Sapling plantation drive was organized to mark the environmental day awareness.

AIDS and HEPATITIS awareness program, No tobacco day awareness Walkathon was also organized.

Blood donation camps are conducted regularly. Seminar was conducted for Group D workers during covid time. Free kits, medication were distributed and educated regarding hygiene maintenance. Our faculty were appointed in NSS advisory committee of RGUHS. We are working towards becoming sustainable campus by recycling water. Sewa basthi camps were conducted in association with NMO.

Yoga day is celebrated to provide more holistic approach towards the health care. Meditation and yoga centers are established within the campus for the benefit of faculty and students.

Single day dentures, free denture camps are organized under dantha bhagya yojana.

File Description	Document
Link for details of Institutional social responsibility activities in the neighbourhood community during the last 5 years	[View Document](#)
Link for any other relevant information	[View Document](#)

3.5 Collaboration

3.5.1

Average number of Collaborative activities for research, faculty exchange, student exchange/ Industry-internship etc. per year for the last five years

Response: 6.8

3.5.1.1 Total number of Collaborative activities for research, faculty exchange, student exchange year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
18	3	4	4	5

File Description	Document
Institutional data in prescribed format	[View Document](#)
Documentary evidence/agreement in support of collaboration	[View Document](#)
Certified copies of collaboration documents and exchange visits	[View Document](#)
Any other Information	[View Document](#)
Link for Additional Information	[View Document](#)

3.5.2

Total number of Functional MoUs/linkages with Institutions/ Industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. for last five years

Response: 50

3.5.2.1 Number of functional MoUs/linkages with Institutions/ industries in India and abroad for academic, clinical training / internship, on-the job training, project work, student / faculty exchange, collaborative research programmes etc. for the last five years

Response: 50

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copies of the MoU's with institution/ industry/ corporate house, Indicating the start date and completion date	[View Document](#)
Any additional information	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc

Response:

DSCDS has adequate and appropriate infrastructure to provide a quality dental education, teaching-Learning environment which has enabled us to reach out sustained academic endeavors in the interest of our students. We have 2 buildings- The main building comprises the clinical section with 8 separate departments spread over 5 floors. The second building has office space, 2 board rooms, class rooms, library, preclinical laboratories, common rooms and Basic science sections.

Facilities for ICT- enabled Teaching-Learning- Classrooms are well ventilated and furnished with desks, chairs, podium and lights. Each classroom and seminar room is ICT-enabled with a Smartboard/white board/LCD projector, laptops and with internet facilities to make the teaching-learning process more interactive and interesting.

Distance learning are also conducted via audio and video conferencing. When the Covid pandemic brought the nation to a standstill, our college seamlessly adopted teaching through online theory classes, Webinars, soft skill programs and Continuing Dental Education programs.

CCTV cameras are installed in every classroom and clinical departments, and reception areas ensuring round-the-clock security. The campus is Wi-Fi enabled which provides access to all for educational resources and services. Seminar halls and auditoria are available to conduct workshops/Seminar/conferences/ and other curricular activities.

Computing equipment

Each department has 2 desktops connected with LAN and a touchscreen Tablet. The radiographs developed in Radiology department can be accessed through any department through **Carestream Imaging software and Sidexis Software.** There is Wi-Fi of 1 GBPS internet speed with one network rack per floor of the building. For power backup, an online UPS with a total output of 3KV is available which can support all the network equipment and servers for a maximum of 12 hrs. Our institution also has 3 dedicated servers which run services like DMS software, Library software, Radiology software and such others.

Laboratory facilities

There are 2 pre-clinical skill laboratories for learning at the UG level namely pre- clinical prosthodontic and pre- clinical conservative labs with phantom head manniquin for students' practical learning. For the postgraduate learning, there are skill labs in 3 departments namely Prosthodontics, Conservative and Orthodontic labs. Additionally for teaching and learning, the college uses skill labs from its sister institution i.e. CDSIMER.

There is a General Pathology lab for routine blood investigations for the outpatients. Separate laboratory is available for Microbiology, Anatomy, Physiology, Biochemistry and Pharmacology. During the tenure of research, students are also allowed to use the labs of other colleges available on campus.

Facilties for community outreach learning

Screening and treatment camps are conducted by the Public health dentistry department, where the UG and PG students and staff in charge participate in diagnosing and treating various cases. An air-conditioned mobile dental van and two portable dental chairs are exclusively reserved for treatment in camps. Our institution has set up 5 peripheral dental clinics for treating patients where interns and PGs are posted as part of their regular postings, where they learn how to manage different clinical cases. A separate yoga and meditation centre is available in the campus for imparting holistic and spiritual education**.**

File Description	Document
Link for list of available teaching-learning facilities such as Classrooms, Laboratories, ICT enabled facilities including Teleconference facilities etc., mentioned above.	View Document
Link for geotagged photographs	View Document

4.1.2

The institution has adequate facilities to support physical and recreational requirements of students and staff – sports, games (indoor, outdoor), gymnasium, auditorium, yoga centre, etc. and for cultural activities

Response:

DSCDS has well equipped sports infrastructure. Sports, cultural activities are emphasised for the growth of the students. The physical wellness of the students is promoted and ensured by the physical education Director. The aim of the institution is to provide both, students and staff with a wide range of sports with individual coaches, and facilities for recreation and leisure activities.

The indoor sports complex is equipped with two international level squash courts, multi gymnasium and yoga/aerobics hall. The total built area of indoor sports complex is 558 sq.m. The outdoor play ground of area 6500 sq.m has facilities for football, basketball, cricket, volleyball, throwball, kho-kho, and tennis. Stadium seating with stairways is also provided. The sports facilities and the playground user rate per day is excellent.

The facilities for yoga and meditation for the faculty members and the students is adequately provided. Regular training sessions on yoga and meditation are conducted at the meditation centre. The meditation centre is spaced out in a 110sq.m.

During COVID 19 pandemic, many online sessions on yoga and meditation for the benefit of students and staff were conducted.

Facilities for Cultural Activities

The college has an exclusive cultural division by the name "Dr D Premachandra Sagar centre for performing arts" through which we make sure that the students are given an equal chance and opportunity to showcase their talent. Also, the college conducts cultural day and sports meet annually which will be participated by most of the students. Individual teams for each art and auditions are conducted for students at the beginning of academic year. There is a separate media team taking care of photography, videography and design that covers all the events happening in the college. The institution has 700-seating capacity auditorium (Dr P C Sagar auditorium), another 120-seating capacity auditorium (C D Sagar auditorium) and an amphitheatre of area 237sq.m for conducting various cultural activities.

Individual teams for each art and auditions are conducted for students at the beginning of the academic year. There is a separate media team taking care of photography, videography and design that covers all the events happening in the college.

File Description	Document
Link for list of available sports and cultural facilities	[View Document](#)
Link for geotagged photographs	[View Document](#)

4.1.3

Availability and adequacy of general campus facilities and overall ambience

Response:

DSCDS is located on a sprawling 23-acre campus, with a total built-up area of 1,04,071 sq. ft. As a dental institution that houses five floors with eight departments in the clinical block, and four floors of dedicated teaching and classrooms in the preclinical block, the institution offers modern infrastructure to meet the needs of students, faculty and patients, while offering the highest quality patient care and on campus experience. The campus boasts of a carbon-free environment to work and learn, coupled with a healthy air quality index (AQI).

The campus houses a multi-specialty hospital with world class healthcare facilities, spacious hostels for boys and girls in separate areas, a Conveno store for all stationary needs, central digital library & several canteens within walking distance. Each department in the institution is well ventilated, with ample floor space, and ambient natural and LED lighting throughout. Equipped with modern infrastructure, the college boasts of abundant information technology facilities including high-end computer systems, integrated patient and library management softwares, advanced treatment planning softwares, etc. Sagar Hospitals situated within the campus, is a 415 ward Super speciality hospitals offering an array of services including a 24x7 accident and emergency care with ambulance facility, OPD services, radiology

and diagnostic services, pharmacy, and a well-equipped multi-speciality and neonatal ICU facilities. The campus houses Hostel facilities for both boys and girls, which include mess halls and locker rooms. There is an entertainment area in both the boys' and girls' common rooms where television and sporting equipment are available for recreational use. During their time on campus, students have access to high-quality, hygienic food in the campus canteens, creating a sense of homely atmosphere in them. It also offers varied menu and comfortable surroundings, making it a popular student hangout area. Greenery on the campus includes greenhouses, nursery plants, and tree plantations like Teak, Sandalwood to name a few. The greenery within the campus also contributes to maintaining soil quality and erosion control to promote native species and forest regeneration on degraded lands. The college also provides Banking and ATM facilities (Bank of Baroda and Punjab National Bank) within the campus. Ramps are installed to facilitate ease of access to people with disabilities along with wheelchair access. Toilets for general public use is provided in the parking area with signage boards to make it easy for the patient. Washrooms are provided in each department for students and faculty. Staff members of the housekeeping department maintain the toilets to the highest standard on a daily basis. Sewage Treatment Plant established in the institution premises aims to remove contaminants and harmful substances from the water collected before being made reusable for fountains, foliage and also for recharging the ground water, ensuring water preservation and conversation. Water treatment plant installed in the campus is treated by Reverse Osmosis (RO) before being supplied for drinking purpose. Alternate sources of energy employed in the institution include establishment of solar panels and generators, including a mobile generator facility available in the campus for emergency use.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for photographs/ Geotagging of Campus facilities	[View Document](#)

4.1.4

Average percentage of expenditure incurred, excluding salary, for infrastructure development and augmentation during the last five years

Response: 12.82

4.1.4.1 *Expenditure incurred, excluding salary, for infrastructure development and augmentation year-wise during the last five years* (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
18.98	43.82	33.10	32.13	18.06

File Description	Document
Provide the consolidated expenditure towards infrastructure development and augmentation during last five years duly certified by Chartered Accountant and Head of the institution.	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audited utilization statements (highlight relevant items)	[View Document](#)
Any additional information	[View Document](#)

4.2 Clinical, Equipment and Laboratory Learning Resources

4.2.1

Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies

Response:

DSCDS complies with the dental hospital teaching-learning and laboratory facilities as stipulated by the DCI and RGUHS. Our college trains BDS students in Basic Medical sciences and preclinical dental procedures. Apart from this the college utilizes three other hospitals for their practical training namely 1) CDSIMER medical college, 2) Krishna-Sevashrama Hospital & 3) Sagar Hospitals.

Facilities for Patient care

There are 9 departments for UG training of which 7 are involved in both UG and PG training. Each specialty has an out-patient clinical facility with electric chairs connected to a centralised compressor unit. There are 5 satellite health centres with all basic facilities contemplated to improve accessibility to the remote area patients. The college has Comprehensive dental-care wing on the first floor where all varied treatments are done in one area with extra care for geriatric patients and children with special needs. There is a fully equipped Air-conditioned mobile dental van to carry out dental services in camps organized in remote villages and schools, coupled with other facilities like an audio-visual module with mic, speakers and TV for spreading awareness for the masses, portable generator for uninterrupted power supply and compressor.

The Hematology lab services are provided for patients at nominal cost to conduct blood investigations. The college has adopted Digitization of patient records through Patient Management software; Smart TVs are present in each department for providing Dental education to the patients.

There are three well-maintained dental museums. The museum maintained by Public health dentistry is open to patients and educates about oral cancer, oral hygiene and the benefits of smoking cessation. Museum in the Department of Pediatric Dentistry is intended exclusively for teaching children. The Anatomy Museum helps students demonstrate live human specimens and models.

Clinical teaching-learning and laboratory facilities and equipments

During their rotational posting in the clinical departments, students are taught to take case history, radiographs, arrive at a clinical diagnosis, render treatment planning as well as learn techniques of patient management. Advanced treatment procedures are done by postgraduate students and faculty members. Postgraduate students present seminars and Journal clubs regularly. Also left-handed dental chairs are made available in the clinical departments to facilitate students who are predominantly left-handed.

Each lab is enabled with equipments to carry out several experiments comprising of Monocular, Binocular and Trinocular microscopes to observe blood smears and Histological sections. The Acrylic and ceramic laboratories have cutting edge equipments for fabrication of various prosthesis and appliances. Regular workshops are conducted in field of LASERS and Implants. In the Prosthodontics Skill lab, Students learn fabrication of metal casting, ceramic crowns, bridges and acrylic dentures. Orthodontics lab-has separate UG and PG lab for the students to learn preclinical wire-bending work with advanced equipments like vacuum forming splints, vacuum mixing machines, electropolisher, Hydrosolders, etc. There are diagnostic and therapeutic equipments like Magnifying loupes, Centrifuge, Surgical microscope, TENS machine, Digital Panoramic Radiography, etc. Soft tissue and hard tissue surgeries are performed with equipments like soft-tissue LASER, cryosurgical unit, Electrocoagulation unit, Piezosurgical unit, Physiodispenser and implant kit.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for the list of facilities available for patient care, teaching-learning and research	[View Document](#)
Link for the facilities as per the stipulations of the respective Regulatory Bodies with Geotagging	[View Document](#)

4.2.2

Average number of patients per year treated as outpatients and inpatients in the teaching hospital for the last five years

Response: 130363

4.2.2.1 Number of patients treated as outpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
99536	56917	150779	156490	159207

4.2.2.2 Number of patients treated as inpatients in the teaching hospital year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
5193	4739	6024	5820	7110

File Description	Document
Year-wise outpatient and inpatient statistics for the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Extract of patient details duly attested by the Head of the institution	[View Document](#)
Details of the teaching hospitals (attached hospital or shared hospitals after due approval by the Regulatory Council / University) where the students receive their clinical training	[View Document](#)
Any additional information	[View Document](#)
Link to hospital records / Hospital Management Information System	[View Document](#)

4.2.3

Average number of students per year exposed to learning resource such as Laboratories, Animal House & Herbal Garden during the last five years.

Response: 288.8

4.2.3.1 Number of UG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
212	198	215	250	264

4.2.3.2 Number of PG students exposed to learning resource such as Laboratories, Animal House & Herbal Garden year-wise during the last five years.

2021-22	2020-21	2019-20	2018-19	2017-18
58	65	60	61	61

File Description	Document
Number of UG, PG students exposed to Laboratories, Animal House and Herbal Garden (in house OR hired) per year based on time-table and attendance	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of the Laboratories, Animal House and Herbal Garden	[View Document](#)
Detailed report of activities and list of students benefitted due to exposure to learning resource	[View Document](#)

4.2.4

Availability of infrastructure for community based learning

Institution has:

1. **Attached Satellite Primary Health Center/s**
2. **Attached Rural Health Center/s other than College teaching hospital available for training of students**
3. **Residential facility for students / trainees at the above peripheral health centers / hospitals**
4. **Mobile clinical service facilities to reach remote rural locations**

Response: A. All of the above

File Description	Document
Institutional prescribed format	[View Document](#)
Government Order on allotment/assignment of PHC to the institution	[View Document](#)
Geotagged photos of health centres	[View Document](#)
Documents of resident facility	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

4.3 Library as a Learning Resource

4.3.1

Library is automated using Integrated Library Management System (ILMS)

Response:

In line with the advent of technology in librarianship, our college library and information centre has brought about a radical change in library functioning through complete automation. This has helped to improve the user experience. The Institutional Library has introduced "LIBSOFT" an Institutional Library Management System or ILMS Software (Version 12.0). This is an integrated multi-user package designed and developed for library automation for efficient management of library functioning in all aspects. LIBSOFT is a Windows/Web-based software and runs in any Windows environment and therefore has an excellent graphical user interface. It's also an effective source of information that can be shared with people. Automation was initiated in 2013 and was successfully completed in 2015. Since then the software has been in regular use.

The "LIBSOFT" program, with its unique features, has brought about sweeping changes in the way our library is working. The software helps in creating a hassle-free acquisition process where one can access all the details of the book viz author, publisher, edition ISBN etc. at the click of a button.

The software also helps in generating barcode labels which makes the book-search easier. Furthermore it supports generating membership ID cards with all the required information stored in the digitized membership card. ILMS has simplified the transaction functions in the library. The software has simplified the process of issuing, returning, renewing and reserving books, improving   the user experience.the software also supports for log entry for library users through their smartcard scanning.

The library is equipped with a WEB OPAC system, which allows the user to access books anywhere in our campus. The internal web address required for this is communicated to the user as part of their user education program. This allows the user to reserve books even if the book is not available. The librarian will monitor the process and release the reserved book as soon as it becomes available.

The software also helps in generating the material report, membership report, usage statistics etc. The library also arranges for the procurement of the book or journal through librarian contacts in case of non-availability in the college library.

The databases in the LIC are continuously updated by adding new documents to be displayed in the KIOSK system. Our users can have quick access to the latest information either by visiting the LIC or by searching the Library OPAC anywhere in the campus and users can also download e-books, e- journals and previous years question papers, PowerPoint presentations of various topics engaged in classrooms , through OPAC using a username and password and as our entire campus is connected through Wi-Fi. technology.

Circulation management and barcoding is performed on all library document issues and returns of the all-library documents to the users through barcode scanning. This is not only saving the valuable time of the users but also increases the efficiency of the functioning of the Library and Information Centre.

File Description	Document
Link for geotagged photographs of library facilities	[View Document](#)
Link for any other relevant information	[View Document](#)

4.3.2

Total number of textbooks, reference volumes, journals, collection of rare books, manuscripts, Digitalized traditional manuscripts, Discipline-specific learning resources from ancient Indian languages, special reports or any other knowledge resource for library enrichment

Response:

The Library and Information Centre (LIC) of DSCDS is rapidly developing into one of the most sought-after teaching and research learning centre. It has a good collection of printed and electronic learning resources. It also subscribes to both national and international Journals. To enable its faculty members and students to keep abreast of the growth of knowledge in dental and medical sciences, it acquires the latest documents from time to time.

The Central Library has an extensive collection of documents; like textbooks, reference books, e-books and e-rare books and we have special collection of textbooks, PG Entrance guides, dictionaries, PG Dissertations, bound volume of journals etc.,

The library is updated annually for books and journals based on the annual budget and requirement of the users. The books cover all dental specialties and basic medical sciences. Currently there are 4214 books and 1566 titles and 742 e-books, PG dissertations and previous years question papers are available in the Library and Information centre. Apart from this, learning materials in the form of audio-visual media is also present, comprising 220 CDs for supporting student`s learning.The library has 171 books received from the social welfare department which is issued only to the disadvantaged group of students.

HELINET Consortium database is made available on annual subscription from the Rajiv Gandhi University of Health Sciences. Bangalore for dental, medical and allied health sciences for Accessing e-Resources; e-Journals, e-Books, Drug Monograms, Dental Introduction, Clinical Reviews, ProQuest & Wiley Online Library.

The selection of books is done through the Book Exhibition that is held in the library annually, from various publishers/vendors. HOD and faculty members physically visit the exhibition hall and select books related to their respective departments. The dates of these exhibitions are decided by the library's advisory committee under the chairmanship of the director and the chairman of the committee together with its members.

The Library and Information centre also subscribes to 32 international and national journals. It owns 21 international and 11 national journals in different specialties which will be displayed for reference in the Reference section of the Library and Information centre. Photocopies of these journals are permitted on

the photocopier available in the Library and Information centre and at the end of the year these journals are bound by volumes and issues and these volumes have been produced. To date, there are 1260 bound volumes in the Library and Information centre.

The Library and Information Centre also has 221 printed and electronic PG dissertations, which are maintained only for the reference part of the Library and Information centre.

Library collections is as follows:

Source	Collections
Total No. of Text Books	4214
Reference Books (Titles)	1566
E-books at our library	742
E-Journals at our library	14 Titles (10 to 25 years Back volumes)
Print Intl. Journals	21
National Journals	11
RGUHS Helinet Consortia e-resources	6000 above e-books and 44 e-journals
Print/E-Dissertations	221
Bound Volumes of Journals	1260
E-Rare Books	61
Donated Books	516
Book Bank	171
CD/DVD`s	220

File Description	Document
Link for any other relevant information	[View Document](#)
Link for geotagged photographs of library ambiance	[View Document](#)
Link for data on acquisition of books / journals /Manuscripts / ancient books etc., in the library.	[View Document](#)

4.3.3

Does the Institution have an e-Library with membership / registration for the following:

1. e – journals / e-books consortia

2. E-Shodh Sindhu

3. Shodhganga

 4. SWAYAM

5. Discipline-specific Databases

Response: A. All of the above

File Description	Document
Institutional data in prescribed sormat	[View Document](#)
E-copy of subscription letter/member ship letter or related document with the mention of year	[View Document](#)
Any additional information	[View Document](#)

4.3.4

Average annual expenditure for the purchase of books and journals including e-journals during the last five years

Response: 20.67

4.3.4.1 Annual expenditure for the purchase of books and journals including e-journals year-wise during last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
25.78	21.55	18.86	22.05	15.13

File Description	Document
Provide consolidated extract of expenditure for purchase of books and journals during the last five years duly attested by Chartered Accountant and Head of the institution	[View Document](#)
Proceedings of library Committee meeting for allocation of fund and utilization of fund for purchase of books and journals	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Audit statement highlighting the expenditure for purchase of books and journal library resources	[View Document](#)

4.3.5

In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students

Response:

Library usage programs are organized by the Library faculty for teachers and students as extension activities like (i) Book Exhibition (ii) Orientation programs (iii) Library Software Orientation and few others.

In-Person and Remote Access Usage of Library

The college library can be accessed by students and faculty and is monitored by the library staff. The students and faculty have in person access to the hard copies of books, current and previous journals, audio-visual resources, virtual library, thesis, dissertations, newspapers and magazines. The library has fully automated its entire collection which can be accessible through the Library Management System. The RGUHS HELINET Consortium database subscribed from the RGUHS every year gives IP based, on-campus access to dental and medical e-books, scholarly e-journals, educational videos, dissertation and thesis, trade journals, reports, works related to dentistry and health sciences. The Library Management System & OPAC allows students and staff to access e-journals, e-books and previous year question papers by using their username and password.

Library User Education (Orientation) Program for Fresh BDS and MDS students

The main goal of library orientation is to introduce students to the library services and resources.

Library user education program is conducted in the beginning of the academic year for both   UG and PG students by the Librarian to familiarize them about the Library Information and services available in the library. Training sessions are also organized whenever a new product or service is introduced. The students are given a tour of the library by a member of the Library Committee showing access to books, journals, dissertations, newspaper and magazines. The students are also shown the access to Library management system OPAC search facility and others services available. Log in IDs will be created for the students and faculty in coordination with NDLI and RGUHS for the access of e-resources at the Library and Information Centre.

Training/Workshops Conducted by Library and Information Centre

A workshop for Training on usage of EBSCO DOSS database was conducted to familiarize students with the various tools of the EBSCO online platform and also on how to search various kinds of materials such as journal articles, book reviews and e-books. The session covered content under the title "Academic Search Premier- A multidisciplinary research database containing full-text articles and e-books".

Skill Development Programme on Career Opportunity for Undergraduates

Often skill development programs on 'Career Opportunities' for students are organized for encouraging the students to pursue higher studies outside the country and thus develop an extra educational boost to increase the chances to ace International competitive exams.

For instance, students are given an insight on how to approach each section of the IELTS exams, and various tactics to develop skills and strategies needed to improve the IELTS band score. Students are also guided to prepare for any English language tests and to increase the probability of being accepted by a foreign university.

File Description	Document
Link for details of library usage by teachers and students	[View Document](#)
Link for details of learner sessions / Library user programmes organized	[View Document](#)

4.3.6

E-content resources used by teachers:

1. NMEICT / NPTEL

2. other MOOCs platforms

3.SWAYAM

4. Institutional LMS

5. e-PG-Pathshala

Response: Any Two of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Links to additional information	[View Document](#)
Give links e_content repository used by the teachers	[View Document](#)

4.4 IT Infrastructure

4.4.1

Percentage of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi-enabled ICT facilities (data for the preceding academic year)

Response: 100

4.4.1.1 Number of classrooms, seminar halls and demonstration rooms linked with internet /Wi-Fi enabled ICT facilities

Response: 13

4.4.1.2 Total number of classrooms, seminar halls and demonstration room in the institution

Response: 13

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo-tagged photos	[View Document](#)
Consolidated list duly certified by the Head of the institution	[View Document](#)

4.4.2

Institution frequently updates its IT facilities and computer availability for students including Wi-Fi

Response:

DSCDS provides numerous computer systems and information technology facilities to necessitate the learning needs of its students, via a dedicated Electronic Data Processing Department (EDP) operating at the institution. This department, under the direction of a systems Manager, is comprised of several System Administrators and Network Maintenance Engineers. This department is responsible for maintaining all computers and network equipment in the institution via periodic maintenance, which is ensured by a routine maintenance schedule covering every aspect of the IT infrastructure.

The IT team also comprises of staff of dental college who provide an in-depth purview of the latest technological and computational advances happening in their respective fields. To enable smooth functioning, the college is equipped with tablets and desktops from the reception to individual departments in the college premises, with programs and software accessible only via the college server thereby ensuring data safety.

Upgrades to processors, RAM, graphics cards, and hard drives are also made as and when necessary. In order to keep up with the rapid change in technology and tools used by the organization, the institution has developed IT Infrastructure plans. As well as hardware upgrades, the institution maintains AMCs for software licenses and upgrades, which are renewed annually.

The college also has in effect, a patient management software in an effort to be more environment friendly and reduce unnecessary paper wastage. The Dental Management Software or DMS in short, has been in effect in the institution premises streamlining the flow of patient data and keeping track of the treatments rendered. Diagnosing and Treatment planning softwares such as Carestream, NemoCeph3D, Sidexis are also employed within the institution to keep the students abreast of the new and evolving trends in rendering high quality standardized care to patients. Windows-based licenses are available in the machines by virtue of the Microsoft campus agreement, which is renewed periodically. The institutional library employs a unique library management software LIBSOFT, wherein one can access all details of a particular book. The students and faculty have access to digital library facilities through platforms such as HELINET for accessing electronic resources such as e-Books, Journals, Drug monograms, Clinical reviews, etc. and WEB OPAC granting access to books anywhere in the campus.

The networking of all departments is made through Optical Fibre Cables (OFC). The installation of

certain specific devices includes but are not limited to, CCTV cameras in various class rooms, lecture halls, Examination halls, etc. The installation of LCD projectors and Smart Boards make learning more interactive and explanatory. The installation of audio-video recording devices showcases procedures and surgical techniques to cater to vast audiences during demonstrations, workshops, etc. and the softwares needed to ensure the smooth flow of these mentioned devices.

The IT department caters to the installation and up gradation of all the above-mentioned hardware and software needs thereby being abreast of the latest needs and facilities to keep with the industry standards and norms. As well as hardware upgrades, the institution maintains AMCs for software licenses and upgrades, which are renewed annually.

File Description	Document
Link for documents related to updation of IT and Wi-Fi facilities	[View Document](#)

4.4.3

Available bandwidth of internet connection in the Institution (Lease line)

Response: ?1 GBPS

File Description	Document
Institutional data in prescribed format	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)
Bills for any one month of the last completed academic year indicating internet connection plan, speed and bandwidth	[View Document](#)

4.5 Maintenance of Campus Infrastructure

4.5.1

Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Response: 37.84

4.5.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
121.97	62.15	86.74	84.50	85.63

File Description	Document
Provide extract of expenditure incurred on maintenance o f physical facilities and academic support facilities duly certified by Chartered Accountant and the Head of the institution	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

4.5.2

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports facilities, computers, classrooms etc.

Response:

The facilities including classrooms, laboratories and dental clinics are maximally utilized. The college is equipped with staff rooms for the faculty and also student common rooms. The campus also has provisions for the physically challenged such as the availability of ramps, elevators, reserved parking and wheelchairs.

Maintenance of physical & IT related infrastructure-

There is a centralized facility department in Dayananda Sagar Institutions with a team of skilled laborers like carpenters, electricians, plumbers, gardeners, who look after the maintenance of Physical infrastructure of the campus, whereas, the EDP department maintains the computer and IT related infrastructure. Repair and maintenance of the sophisticated equipments is covered under annual maintenance contract with the respective companies. The facility management committee of the dental college coordinates with the facility & EDP departments to ensure that repair and maintenance of dental and other equipments are done as and when required.

Library- A central library with a seating capacity of 150 is also available, with adequate number of books, journals and reference books. The library has a senior librarian and two assistant librarians for management and maintenance. Alongside this, each department has its own library and collection of essential books pertaining to the departmental specialty. A register is maintained to record the visit of students and staff on a daily basis. The schedule for the issue and return of books etc. will be taken care by the librarian and the supporting staff.

Sports

The sporting activities of the students are overlooked by the Sports committee in place. This committee along with the Physical education director helps in maintenance of the sports infrastructure such as gym, table tennis boards, carrom boards, basketball court, etc. Students are encouraged to participate in all sports and cultural activities conducted in the institution and also inter-institutional and university events.

Computers

All the departments are equipped with desktops, laptops, and tablets. An adequate number of computer systems are provided for the seamless learning and functioning of the departments and maintained by the EDP department.

Dental chairs

All the dental chairs and equipments in the departments are maintained and attended to by the in-charge person who is a Dental Chair mechanic.

Classrooms

Well ventilated spacious classrooms and department seminar halls, labs, clinics and the auditoria are maintained by the house attendants and by housekeeping staff. 24/7 security service provided in the campus, and for the hospital by the Dayananda Sagar Institutions. Equipments like generators, compressors, water motors, water purifiers, coolers are maintained by the central facility team of Dayananda Sagar Institutions. Fire extinguishers are placed in every department, classrooms, auditoria and also maintained by the central facility team consisting of engineers and technicians.

Maintenance committee meets thrice a year to discuss and suggest the measures to be taken to uplift the overall maintenance.

File Description	Document
Link for minutes of the meetings of the Maintenance Committee	[View Document](#)
Link for log book or other records regarding maintenance works	[View Document](#)
Link for any other relevant information	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Average percentage of students benefited by scholarships /freeships / fee-waivers by Government / Non-Governmental agencies / Institution during the last five years

Response: 20.89

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2021-22	2020-21	2019-20	2018-19	2017-18
95	81	57	38	18

File Description	Document
List of students who received scholarships/ freeships /fee-waivers	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Consolidated document in favour of free-ships and number of beneficiaries duly attested by the Head of the institution	[View Document](#)
Attested copies of the sanction letters from the sanctioning authorities	[View Document](#)

5.1.2

Capability enhancement and development schemes employed by the Institution for students:

1. Soft skill development

2. Language and communication skill development

3. Yoga and wellness

4. Analytical skill development

5. Human value development

6. Personality and professional development

7. Employability skill development

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Detailed report of the Capacity enhancement programs and other skill development schemes	[View Document](#)
Any additional information	[View Document](#)
Link to Institutional website	[View Document](#)

5.1.3

Average percentage of students provided training and guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 36.07

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counseling offered by the Institution in a year

2021-22	2020-21	2019-20	2018-19	2017-18
105	108	109	144	47

File Description	Document
Year-wise list of students attending each of these schemes signed by competent authority	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of circular/ brochure/report of the event/ activity report Annual report of Pre-Examination Coaching centers	[View Document](#)
Link for institutional website. Web link to particular program or scheme mentioned in the metric	[View Document](#)

5.1.4

The Institution has an active international student cell to facilitate study in India program etc..,

Response:

Dayananda Sagar College of Dental Sciences has an active International Student Cell that functions as a wing of Student Support, Welfare and Grievance Redressal Committee. The Cell coordinates closely with the administrative staff in regard to international students to make their official documentation as easy as possible to avoid any cumbersome complications from day 1 of their admission to the college.

As per government norms,15% seats of the total intake of students per year was permitted for admissions to international students. Though the selection of college was at the discretion of the student seeking admission, the admissions were through Rajiv Gandhi university of health sciences, Bengaluru. The university was responsible for the verification of documents of international students and issue of eligibility certificate. The students would then approach the college with eligibility certificate to secure their admission. The details of the admitted students were notified to the Ministry of health and family welfare (MOHFW), New Delhi. MOHFW issued the no objection certificate (NOC) after verification of documents that officially permitted international students to progress with their course. The college issues the bonafide certificate to the international students to authorize their course continuation in the college annually. Based on the submission of bonafide certificate, the residential permit is renewed annually by the foreigner's regional registration office.

The Management has consciously made an attempt to have an NRI hostel with need based modern facilities to make their stay comfortable during their course of study. This includes mess and canteen facilities that caters to their specific needs. The student welfare & grievance committee frequently checks on these facilities and interacts with students for their feedback to affect any improvements (if needed).

Taking into consideration that the medium of dental education offered in the college is English, international students are counselled to understand their language limitations (if any) and appropriate measures are taken up to reach out appropriate English language classes to them. They are also trained in Kannada language classes before they commence their academic sessions with clinical patients, to facilitate them to acquire necessary communication skills. The committee monitors the Remedial classes conducted by various departments to help them cope with their academics and are engaged in regular additional assignments. Peer learning is also encouraged for them to learn through interactions with their classmates. The mentorship sessions are executed seriously for the international students since the challenges faced by them can be of varied types in comparison to domestic students. The committee encourages them to actively participate in sports by identifying their inherent interest in any specific sport. Their involvement in cultural activities is encouraged by involving them in Annual cultural activities and various celebrations that happen throughout the year since they ultimately go on to be our cultural ambassadors. The outgoing students are appropriately encouraged, guided and assisted with recommendation documents to pursue their higher studies/career abroad. They are also registered in the alumni association for a long-term relationship with the Alma mater in varied capacities.

File Description	Document
Link for international student cell	[View Document](#)
Link for Any other relevant information	[View Document](#)

5.1.5

The institution has a transparent mechanism for timely redressal of student grievances / prevention of sexual harassment and prevention of ragging

1. **Adoption of guidelines of Regulatory bodies**
2. **Presence of the committee and mechanism of receiving student grievances (online/ offline)**
3. **Periodic meetings of the committee with minutes**
4. **Record of action taken**

Response: All of the above

File Description	Document
Minutes of the meetings of student Grievance Redressal Committee and Anti-Ragging Committee/Cell	View Document
Institutional data in prescribed format	View Document
Circular/web-link/ committee report justifying the objective of the metric	View Document

5.2 Student Progression

5.2.1

Average percentage of students qualifying in state/ national/ international level examinations during the last five years (eg:GATE/AICTE/GMAT/GPAT/CAT/NEET/GRE/TOEFL/PLAB/USMLE/AYUSH/Civil Services/Defence/UPSC/State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,)

Response: 100

5.2.1.1 Number of students qualifying in state/ national/ international level examinations (eg: GATE/AICTE/GMAT/ **GPAT**/CAT/NEET/ GRE/TOEFL/ PLAB/USMLE/AYUSH/Civil Services/Defence/ UPSC/State government examinations/ AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) year-wise during the last five years ..

2021-22	2020-21	2019-20	2018-19	2017-18
5	21	17	4	6

5.2.1.2 Number of students appearing in state/ national/ international level examinations (eg:GATE/AICTE/GMAT/CAT/NEET/GRE/ TOEFL/ PLAB/ USMLE/AYUSH/Civil

Services/Defence/UPSC/ State government examinations */* AIIMSPGET, JIPMER Entrance Test, PGIMER Entrance Test etc.,) **during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
5	21	17	4	6

File Description	Document
Scanned copy of pass Certificates of the examination	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

5.2.2

Average percentage of placement / self-employment in professional services of outgoing students during the last five years

Response: 34.44

5.2.2.1 Number of outgoing students who got placed / self-employed year- wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
16	29	19	23	34

File Description	Document
Institutional data in prescribed format	[View Document](#)
In case of self-employed professional services registration with MCI and documents for registered clinical Practitioner should be provided	[View Document](#)
Any additional information	[View Document](#)
Annual reports of Placement Cell	[View Document](#)

5.2.3

Percentage of the batch of graduated students of the preceding year, who have progressed to

higher education

Response: 33.87

5.2.3.1 Number of last batch of graduated students who have progressed to higher education

Response: 21

File Description	Document
Supporting data for students/alumni as per data template	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any proof of admission to higher education	[View Document](#)

5.3 Student Participation and Activities

5.3.1

Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/ National / International levels (award for a team event should be counted as one) during the last five years.

Response: 21

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at State/Regional (zonal)/National / International levels (award for a team event should be counted as one) year-wise during the last five years .

2021-22	2020-21	2019-20	2018-19	2017-18
5	2	6	7	1

File Description	Document
Institutional data in prescribed format	[View Document](#)
Duly certified e-copies of award letters and certificates	[View Document](#)

5.3.2

Presence of a Student Council, its activities related to student welfare and student representation in academic & administrative bodies/ committees of the Institution

Response:

Student council members are nominated by the student body of the college every year. The nominated student council members play a proactive role in planning, designing and implementing events throughout the academic year. The council comprises of a President, Vice President, Member secretary, Cultural secretary, Sports secretary, Magazine editor, associate editor all students as from 1st , 2nd , 3rd , 4th year BDS, Interns and PGs, and faculty representatives as members. The normal tenure is for a year and is renewable based on fresh nomination. The roles and responsibilities of the executive body are predefined and allotted among the council members after the nomination. The meetings are held twice a year.

The student council plays a definite and vital role in:

- Representing and implementing students' thoughts and views in academic and related perspectives.
- Encouraging students to take up and handle organizational responsibilities.
- Imbibe the students with the core values of the college.
- Seeking unbiased opinions on issues relating to their welfare and academic support.
- To build a positive association/ liaison between the students and the administration.
- Organize and allot duties for the purpose-oriented events.
- Fostering a team spirit.

The student council has a magazine editor and an associate editor who are responsible for the release of e-magazine, integrating articles, poems, literature and the scrutiny of the same. The students get the opportunity to portray their talents through di?erent means. All strata of novelty and creativity are constantly entertained by all the members of the committee. Funding for di?erent events is arranged through participation fees collected for various events.

The activities and events volunteered by the student council include teachers' day celebrations, cultural fest, sports meet, freshers' day, convocation ceremony to list a few. The cultural committee and the sports committee in accordance with the student council make decisions with regards to scheduling and conducting the events in an organized manner. The students play an integral part in managing and accommodating the needs of the events conducted throughout the academic year. Besides the above listed events, the students have representation in anti-ragging committee and student welfare & grievance cell.

At the end of the academic year the student council will pass on the roles and duties to the newly nominated committee along with a hand book that discusses the responsibilities of individual members.

File Description	Document
Link for reports on the student council activities	[View Document](#)
Link for any other relevant information	[View Document](#)

Other Upload Files	
1	[View Document](#)

5.3.3

Average number of sports and cultural activities/competitions organised by the Institution during the last five years

Response: 18.8

5.3.3.1 Number of sports and cultural activities/competitions organised by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
31	2	35	16	10

File Description	Document
Report of the events with photographs or Copy of circular/ brochure indicating such kind of activities	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)

5.4 Alumni Engagement

5.4.1

The Alumni Association is registered and holds regular meetings to plan its involvement and developmental activates with the support of the college during the last five years.

Response:

The Dayananda Sagar College of Dental Sciences Alumni Association has been registered with the Registrar of Societies, under the Bangalore Urban District, Karnataka as on 12.09.2019. Since then, this association has been proactively involved and is constantly contributing to the growth of the Institution by active engagement of the Alumni Members of the College which has over 1300 members comprising of students who graduated from the various disciplines the college offers such as Bachelor of Dental Surgery (BDS), Masters of Dental Surgery (MDS) as well as Ph.D. Degrees. All students mandatorily need to register in the DSCDS Alumni Association after course completion. Registration into the Alumni Association is made easy with the use of Digital Forms via Google Forms for convenience and ease of maintenance of Alumni Registrations and related data.

The Alumni Association office bearers have a blend of Alumni who are now Faculty at the Dental

College, noted Alumni in other top positions as well as some members who have completed their Under Graduate/ Post Graduate/ Ph.D. programs from DSCDS. Within the college, there is an administrative committee [Alumni Coordination Committee] which contacts the office bearers of the Association for collaborative programs that can be organised at the DSCDS.

The Alumni Association has been meeting regularly since its registration until February 2020, where the Annual General Body meetings were held on 04.11.2019 and 03.03.2020. However, During the COVID-19 Pandemic, the Association could not meet due to the restrictions in place. The Alumni Association now meets regularly and is active in conducting events with the college.

The Association has been regularly conducting activities by means of Scientific Programs and informal connect with the Members. Several of our Alumni who are now in other countries visit the Institution regularly to reminisce on their time during their stay at DSCDS and also volunteer on contributing to the growth of the Institution by means of donations that are directed towards improvement of facilities available at the college. Furthermore, our visiting alumni also engage with our current students and share their experiences and guide them to enjoy their stay and learning experiences at DSCDS.

Alumni from DSCDS have made several contributions such as Equipment, Digitalization and in several other ways to their Alma Mater and have showed active interest in the growth of the Institution.

The Office bearers of the Alumni Association are meeting regularly to plan active association of Alumni with the institution. A Mega Alumni meet was conducted on 23rd December 2022 which comprised of events that were both professional as well as cultural with a gala luncheon.

The Alumni Association plans to conduct more programs in the ensuing years to improve the Alumni engagement and interact with the Alumni by means of Professional enrichment programs that will be mutually rewarding to the Alumni as well as to the student community of DSCDS.

File Description	Document
Any additional information	[View Document](#)
Link for frequency of meetings of Alumni Association with minutes	[View Document](#)
Link for details of Alumni Association activities	[View Document](#)
Link for Additional Information	[View Document](#)
Lin for quantum of financial contribution	[View Document](#)

5.4.2

Provide the areas of contribution by the Alumni Association / chapters during the last five years

1. Financial / kind
2. Donation of books /Journals/ volumes

3.Students placement
4.Student exchanges
5.Institutional endowments

Response: E. Any one of the above

File Description	Document
Certified statement of the contributions by the head of the Institution	[View Document](#)
Any additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.

Response:

The pride of DSCDS is its leadership team comprising of visionaries, intellectuals, institution builders, who are medical doctors themselves, enriched with hands-on experience with a piece of worldly wisdom. Institution has a clear vision and mission statement which is reflected in planning of the governance, leadership & management.

Vision

Dayananda Sagar College of Dental Sciences aims to be amongst the world's foremost academic institutions in the pursuit of educational, clinical and research excellence. The institution also aims to provide ample scope for ideation, innovation and community service, to shape future leaders in dentistry by applying science, art and technological breakthroughs, thereby contributing to national/global oral healthcare, welfare and development initiatives.

Mission

Impart quality dental education to our students, train them in acquiring necessary diagnostic acumen and clinical skills enabling them to manage patients with varying dental needs. Motivate them to take up research work, higher studies and continue to be lifelong learners committed to work for the benefit of the society.

- Ensuring the development of comprehensive domain knowledge, skills and attitudes as required to meet the above-said objective.
- Inculcating necessary clinical, diagnostic, and treatment skills, to manage patients effectively and efficiently, and extending similar quality services to the community.
- Applying theoretical and analytical knowledge in various areas of dentistry to create novel clinical methods and engage in knowledge transfer for the benefit of the society locally and for mankind globally.
- Delivering quality education in basic and applied dental research to promote innovation and ensure dissemination of new knowledge through presentations at conferences and publications in high- impact journals.

Nature of governance

The college was established in 1991 under Mahatma Gandhi Vidya Peetha Trust (MGVP), is managed by the members of the board and the governing council. The principal is the institutional executive head and is assisted by vice-principal, associate deans, department heads, faculty, and various committees to ensure an efficient and transparent governance.

Based on feed-back obtained from the stakeholders, the institutional quality policy is framed and the IQAC is given full responsibility to drive the quality movement of the college as per its perspective plan.

Perspective plan

Institutional strategic plan is developed by the IQAC on a project mode, based on the vision, mission, SWOC analysis, feedback from the stakeholders and the staff of the Institution. Gaps in achieving the set objectives are identified and strategies are implemented to bridge these gaps. To execute the same, different committees at the Institutional level are set-up, which monitor academics and administration by promoting following:

- Including value-added certification courses, fellowship programs, continuing dental education programs and other supportive initiatives.
- Upgrading the facilities regularly by procuring need-based latest dental equipment and improvising the teaching-learning methodologies.
- Channelizing the efforts of teachers and students in conducting quality dental research work and disseminating the knowledge by encouraging presentations at various scientific forums and publishing the same in reputed journals.
- Generating more funds and grants for conducting research work.
- Encouraging the faculty to undertake fellowship and PhD courses.

Stakeholders' participation

A systematic feedback mechanism is in place to procure feedback from stakeholders on a regular basis, which is then analysed and timely improvisations made based on the suggestions obtained, which has helped our organization to scale higher in the All India ranking provided for dental colleges in Bengaluru and all over India.

File Description	Document
Any additional information	[View Document](#)
Link for achievements which led to Institutional excellence	[View Document](#)
Link for additional information	[View Document](#)
Link for Vision and Mission documents approved by the College bodies	[View Document](#)

6.1.2

Effective leadership is reflected in various institutional practices such as decentralization and participative management.

Response:

Institution has an elaborate, distinguished method of organizing and overseeing the administrative work by allocating the tasks in manageable proportions and delegating the same to specific committees which will efficiently expedite the same. The functional organization of the institution is very well structured and involves active participation of all the members. The board of management, governing council and the principal play a key role in the strategic development of the Institution.

Associate Deans for undergraduate/post-graduate academics, research and administration along with IQAC ensure smooth running of the institution.

Efficient and harmonious functioning of the institution is executed through appropriate committees under the supervision of an experienced senior faculty with student representatives and other stakeholders as committee members. The committees make decisions, supervise, scrutinize the judgements and conduct timely review through feedback system implemented in the institution. Coordinating DCI and RGUHS inspections, supervising staff recruitment, student welfare, faculty development programs and patient care services are all meticulously monitored through participative management.

Associate Dean for Academics: undergraduate and post-graduate program

The team of HOD's, professors, readers and senior lecturers of respective departments ensure that the academic, research work and clinical program for undergraduate and postgraduate students are conducted as per university norms. Students are encouraged to build their portfolio right from the undergraduate level, by involving them diligently in research activity, helping them endeavor to greater academic and professional heights. Admissions to various courses (UG/PG/PhD/dental technicians/hygienists), conducting university theory and practical examinations, guiding research work and conducting various interdepartmental meet to have a continual in dental education are overseen by various committees like academic advisory council and inter departmental meet committee.

The well-being and safety of the students is given utmost importance by collective collaboration with committees designed for their welfare and support such as anti-ragging committee, mentorship committee, career guidance & placement committee, student support, welfare and grievance redressal committee, soft skill development committee and many others.

Associate Dean for Research

The institutional review board, committee for dental education technology along with academic advisory council help to instill importance of doing research among students, provide ethical clearance, guidance and necessary support for completing and publishing the research work.

Associate Dean of Administration

The smooth functioning of the administrative work is due to a planned decentralization and coordination between the principal, deans, IQAC and non-teaching support staff consisting of engineers, electrician, mechanic, audio-visual technician, hostel warden, security guard, housekeeping staff, equipment and consumables maintenance/purchase personnel, gardeners and others. The partnership between the diverse support staff is made possible by forming various committees like hostel committee, A-V committee, purchase committee etc.

All these practices have helped us establish a decentralized mode of governance and aided the institution

to achieve planned targets and outcomes to the satisfaction of all stakeholders.

File Description	Document
Any additional information	[View Document](#)
Link for relevant information / documents	[View Document](#)
Link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The Institutional has well defined organisational structure, Statutory Bodies/committees of the College with relevant rules, norms and guidelines along with Strategic Plan effectively deployed

Response:

DSCDS has a well-defined organizational structure comprising of the management, Governing Council, Principal, Vice-Principal, Associate Deans, various departmental heads and college committees with relevant rules, norms and guidelines. The IPSP as developed by the college through the initiative of IQAC, is meticulously deployed to realize the need-based outcomes through following committees:

· The Admission Monitoring Committee resolves the queries received from student community with regard to admissions and provide all information related to UG and PG admissions.

· Academic Advisory Council is responsible for regulating and implementing all the academic activities of the undergraduate and post graduate programs.

· Committee for Dental Education Technology organizes various CDE programs, workshops and faculty development programs which focus on improving teaching learning methodologies, quality improvement programs etc.

· Advanced Research Committee and Institutional Review Board Committee monitors research activities, follows up various proposals for funds and grants and looks into scientific paper publications and scrutinizes synopsis, dissertations, provides ethical clearance for the same.

· Library Advisory Committee ensures allocation of funds for procuring latest books, journals in various specialties, framing and suggesting amendments to library code of conduct.

· Feedback Committee assesses and takes timely action based on the inputs of stakeholders for constant upgradation.

· Alumni Committee is intended to develop a sustainable connection with the students by conducting annual meets and engaging them in various programs. It helps to motivate the juniors on the success of alumni and thereby improving credibility and college reputation.

· Student support, anti-ragging committees, grievance redressal, mentorship, soft skill development committees help to improve and maintain a healthy cordial atmosphere between students and teacher. Exam related grievances are also addressed.

· Career Guidance and Placement Committee functions towards organizing career guidance programs, generating training opportunities and placement for the students**.**

· Student Council, Sports and Cultural committee promotes and organizes various events to bring-out the hidden talent in the students and encourage them to take part in extracurricular activities for their overall development.

· Facilities Management Committee ensures proper maintenance of the departments and college premises.

· Internal Complaints Committee ensures safety of girls and women faculty.

The institution has developed a robust strategic plan as appended, with specific timelines and targets to realize the vision, mission and goals. The aim is to address the problems and challenges in knowledge acquisition, skill advancements & emerging trends in the dental field.

The Strategic Plan of the college mainly addresses the following important domains;

1. Improving teaching and learning quality

2. Obtaining research grants and funds

3. Conducting skill development, career guidance and community based out-reach programs.

4. Applying for accreditations and recognitions

5. Digitization

These time bound goals constantly propel us towards excellence. The governing council with the management reviews activities of the institution and provides necessary support for upgradation.

File Description	Document
Any additional information	[View Document](#)
Link for strategic Plan document(s)	[View Document](#)
Link for organisational structure	[View Document](#)
Link for minutes of the College Council/ other relevant bodies for deployment/ deliverables of the strategic plan	[View Document](#)
Link for additional information	[View Document](#)

6.2.2

Implementation of e-governance in areas of operation

1. **Academic Planning and Development**
2. **Administration**
3. **Finance and Accounts**
4. **Student Admission and Support**
5. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module Annual e-governance report approved by Governing Council/ Board of Management/ Syndicate Policy document	[View Document](#)
Policy documents	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Institutional budget statements allocated for the heads of E_governance implementation ERP Document	[View Document](#)
Link for additional information	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has effective welfare measures for teaching and non-teaching staff

Response:

DSCDS management has formulated a set of structured welfare measures for teaching and non-teaching staff as enlisted below:

Leaves

1. Casual leave: 15 days annually
2. Earned leave: 20 days annually
3. Sick leave: 10 days, which if not availed will be added to earned leave.
4. OOD/Special casual leave: provided to participate in conferences, CDE programs, examinership, inspections etc.
5. Maternity leave: provided as per the government norms.

6.Paternity leave: 15 days leave can be availed.

Gratuity: paid according to Gratuity Payment Act of 1972.

Provident Fund: Eligible staff are entitled to Provident Fund as per the statute.

Recreational Facilities: Yoga, meditation center, gymnastics and sports ground are in place for recreational purposes.

Internal Complaints Committee: Institution has a well-placed policy as per the Supreme Court of India directive and harassment of women sexually at workplace (Prevention, prohibition and redressal) Act 2013. Actively functioning committee for internal complaints, ensures a safe working environment for women.

Grievance Redressal: All employees may report grievances if any to the Grievance-Redressal committee constituted by the Institution.

Health Benefits: A full-fledged medical, dental and physiotherapy hospitals located within the campus provides concessional benefits for investigations and treatments.

ESI Scheme – included for non-teaching staff with less than Rs 21,000/- month salary as per ESI Act 1948.

Motivational measures: Institution encourages staff to pursue higher studies. They are provided the benefit of salary during study and are promoted following completion.

Non-Teaching and teaching staff are constantly provided training by conducting talks, seminars, developmental programs and workshops.

Management ensured that staff were not affected monetarily during the Covid lockdowns.

Recognition: Faculty members are acknowledged for holding positions in various forums. They are felicitated for their contribution to state & national organizations such as StepOne, Vaccination drive, etc.

Celebrations – Teachers' day, birthdays, team build-up programs and festivals are celebrated to have a happy and cheerful working environment. Founders' day on 24th July is exuberantly celebrated to commemorate the birth anniversary of our founder late Shri Dayananda Sagar R.

Parking, canteen facilities are available.

Residence: provision for Staff quarters within campus.

Creche: facility for children of faculty was available till pre-covid times.

Additional welfare measures for teaching staff

Financial assistance

- Scientific Publications: Faculty members are provided with financial assistance towards publications in reputed/refereed journals.
- National/International conferences: Reimbursement of conference registration amount to the faculty for scientific presentations at National/ International conferences is provided, limited to once in two years per faculty.
- Certificate courses/ Fellowships: faculty members will be provided financial assistance for Certificate courses/Fellowships from recognized forums.
- Intramural research fund: To encourage faculty to pursue research, financial assistance by means of intra-mural funding is provided.
- Concession in tuition fees for children enrolled in Dayananda Sagar ICSE school is provided for employees of DSCDS.

Additional welfare measures for non-teaching staff

- Uniforms and PPE are provided
- Festival advance will be given

File Description	Document
Any additional information	[View Document](#)
Link for additional information	[View Document](#)
Link for policy document on the welfare measures	[View Document](#)
Link for list of beneficiaries of welfare measures	[View Document](#)

6.3.2

Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 21.13

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
15	6	16	9	26

File Description	Document
Relevant Budget extract/ expenditure statement	[View Document](#)
Policy document from institutions providing financial support to teachers, if applicable E-copy of letter indicating financial assistance to teachers	[View Document](#)
Office order of financial support	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)	

6.3.3

Average number of professional development / administrative training programmes organized by the Institution for teaching and non- teaching staff during the last five years

(Continuing education programmes, entrepreneurship development programmes, Professional skill development programmes, Training programmes for administrative staff etc.,)

Response: 15.6

6.3.3.1 Total number of professional development / administrative training programmes organized by the Institution for teaching and non-teaching staff year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
25	10	11	19	13

File Description	Document
Reports of Academic Staff College or similar centers Verification of schedules of training programs	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Detailed program report for each program should be made available Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	[View Document](#)
Copy of circular/ brochure/report of training program self conducted program may also be considered	[View Document](#)
Any additional information	[View Document](#)

6.3.4

Average percentage of teachers undergoing Faculty Development Programmes (FDP) including online programmes (Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) during the last five years..

Response: 100

6.3.4.1 Number of teachers who have undergone Faculty Development Programmes including online programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course and any other course year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
76	55	62	64	74

File Description	Document
Institutional data in prescribed format	[View Document](#)
E-copy of the certificate of the program attended by teacher	[View Document](#)
Days limits of program/course as prescribed by UGC/AICTE or Preferably Minimum one day programme conducted by recognised body/academic institution	[View Document](#)

6.3.5

Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Performance appraisal system for teaching and non-teaching staff

DSCDS management appraises the performance of non-teaching and teaching staff which is carried out once in a year. The process is outlined below:

For teaching staff

Faculty members fill up the details on the measures taken by them in areas of teaching, research field, scientific presentations, publications and clinical training for that academic year in their self-appraisal form. Their service to the institution and to the community, involvement in conducting and rendering services in camps, rallies etc will be mentioned.

Individual faculty contribution as members of various committees, participation in planning, decision making and execution are taken into consideration. The results of students trained by them in that particular year, number of scientific presentations and publications in various scientific journals, their futuristic plan and their improvement areas are all mentioned. The proof of all these are submitted to HOD for perusal on their academic, clinical skills, punctuality, communication skills and behavior. HOD's give feedback, verify supporting documents and then submit the appraisal form to the principal's office.

Principal after carefully evaluating, submits the appraisal form to the management along with a recommendation note for increment. Management takes the final decision of the appraisal submitted.

For non – teaching staff

The non-teaching, administrative and technical staff play a very important role in smooth functioning of administration, hence performance appraisal is done to evaluate their strengths and weaknesses. This will ensure an effective delivery of quality services and improvement of systems and processes.

HOD/ Office Superintendent will give an annual feedback in regard to conduct, discipline and performance as per guidelines which will be submitted to the principal for review. It is then submitted to the management. Management takes the final decision of the appraisal submitted.

File Description	Document
Any additional information	[View Document](#)
Link for performance Appraisal System	[View Document](#)
Link for any other relevant information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1

Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

DSCDS has a systematic mechanism to monitor effective and efficient use of available financial resources. The annual budget is proposed based on the expenditure that will be incurred for the infrastructural development, improvising teaching-learning methodologies and providing facilities for patient care etc.

Resource Mobilization Policy

Source of college finance is from Mahatma Gandhi Vidyapeetha Trust, student fees, bank interest, contribution from stakeholders, patient treatment charges, funds and grants obtained from government and non-government organizations, alumni contribution, registration fees for conducting programs, camps and income generated from shared facilities.

To ensure effective utilization of funds, all purchases are made with the approval of the authorities and on the basis of quotations received without compromising on quality and maximum warranty period is insisted on all the items. Structured mechanism is in place for using the consumable items.

Procedure for optimal resource utilization

Institution seeks input from various departments on their expenditure, based on which it plans for proper allocation of finances to ensure optimal utilization of resources. Annual budget of the department is put forth to the Principal which is submitted to the management for final approval after reviewing the same in Governing Council meetings. The budget will be sanctioned after thorough scrutiny.

Funds will be allocated for development and maintenance of infrastructure, paying salary to the staff and for any development program that is to be organized. On approval of the sanctioned amount, Principal directs the HODs and other committees to utilize the sanctioned amount satisfactorily. A report on expenditure is forwarded to the accounts section which verifies the same before final settlement of the allocated fund.

All these procedures ensure optimal and the best utilization of the available resources through proper mobilization of the funds.

File Description	Document
Link for resource mobilization policy document duly approved by College Council/other administrative bodies	[View Document](#)
Link for procedures for optimal resource utilization	[View Document](#)

6.4.2

Institution conducts internal and external financial audits regularly

Response:

DSCDS conducts regular internal and external audits. The Institution has full-fledged accounts wing to ensure maintenance of accounts and various types of audits annually.

All departments maintain the budgetary information on financial transactions, stock information, purchases and other departmental expenditures. HODs of individual departments provide budgetary information based on their requirements and inputs from the staff members.

Internal audit

Internal audit is done by the management annually on the expenditure. The departments propose their annual budgetary requirement to the principal, who puts forth the same to the management for approval after scrutinizing thoroughly. Financial years' annual budget is proposed taking into consideration the potential income and expenditures (recurring and non-recurring) involved for that year.

The financial audits are conducted whenever a funded project is approved by any funding agency (government or a non-government agency). The auditor verifies and approves the utility of funds for every project, as per the norms of the funding agency before the closure of the project.

External audit

Institutions' accounts are audited regularly by the statutory auditors appointed by the management regularly on annual basis and submitted to the governing body for final approval. Financial records are audited by an external auditor D.P.Rao & co. at the end of each financial year and certified. Every year's audit reports are filed to the income tax department and the records are maintained.

File Description	Document
Link for documents pertaining to internal and external audits year-wise for the last five years	[View Document](#)
Link for any other relevant information	[View Document](#)

6.4.3

Funds / Grants received from government/non-government bodies, individuals, philanthropists during the last five years (not covered in Criterion III)

Response: 2.35

6.4.3.1 Total Grants received from government/non-government bodies, individuals, philanthropists year-wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
0	1.0	0.38	0.47	0.5

File Description	Document
Provide the budget extract of audited statement towards Grants received from nongovernment bodies, individuals, philanthropist duly certified by Chartered Accountant and the head of the institution	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Copy of letter indicating the grants/funds received by respective agency as stated in metric	[View Document](#)
Annual statements of accounts	[View Document](#)

6.5 Internal Quality Assurance System

6.5.1

Instituion has a streamlined Internal Quality Assurance Mechanism

Response:

DSCDS has a streamlined Internal Quality Assessment Cell which has been established as per the guidelines of NAAC and UGC.

Though it is not mandatory for the IQAC in the first cycle, the IQAC has been established since 2021 to actively work towards performance evaluation, quality upgradation, assessments and accreditation. The IQAC undertakes activities that include all aspects of the institute's functioning and is committed to providing quality education through comprehensive institutional policy.

The IQAC of the Institution is a structured committee chaired by the Principal of the Institution. It

comprises of a member secretary supervising the functioning and implementation of committee recommendations. The faculty, student, industry representation, alumni, parents and members from local society form the other committee members.

Objectives

To enhance the standard and quality of education by proposing innovative ways in academic and administrative planning of the Institution.

To promote the internalization and institutionalization of best practices to improve institutional performance.

Quality policy

To establish the system of quality enhancement by working towards improving and maintaining standard and quality of education thereby striving to spread quality culture within the organization.

To identify and propose new ways to use teaching techniques, providing suitable infrastructure and suggesting new value-added courses that are to be conducted.

Functions

1. Establishing a feedback system from all stakeholders regarding institutional quality-related processes.
2. Providing leadership to organize conferences, seminars and workshops to help faculty and students.
3. Enhance quality of research within the institution by promoting faculty research publications.
4. Preparation of an Annual Quality Assurance Report as per the guidelines of NAAC and UGC.
5. Periodic meetings held every three months for the purpose of planning, directing, implementing and evaluating the activities of the College with respect to teaching, research, and publication

Strategies

The following are some of the salient initiatives undertaken by the Internal Quality Assurance Cell of the Institution since inception.

1. Student soft skill development programs
2. Faculty development programs
3. Research and development programs
4. Identifying slow and fast learners to work upon areas of improvement
5. Conduct regular quality related workshops
6. Recommend implementation of ICT enabled teaching in classrooms
7. Implementation of guidelines suggested by subcommittees for various activities
8. To implement the suggestions obtained by feedback thereby   enhancing the quality of education and training
9. Facilitating academic and administrative audits for assessing quality teaching.
10. Prepare the institution for NAAC accreditation
11. Prepare SWOC analysis to analyze the institutions' strength, challenges and identify

opportunities for delivering best quality practices

12. Encouraging green initiatives in the Institution

As part of its mandate, IQAC shall develop mechanisms and procedures for -

1. Achieving academic, administrative, and financial goals in a timely, efficient, and progressive manner

2. Academic programs be accessible to all sections of society and be affordable

3. Networking with other Indian and international institutions and sharing of research findings.

File Description	Document	
Link for the structure and mechanism for Internal Quality Assurance	[View Document](#)	
Link for minutes of the IQAC meetings	[View Document](#)	

6.5.2

Average percentage of teachers attending programs/workshops/seminars specific to quality improvement in the last 5 years

Response: 87.08

6.5.2.1 Number of teachers attending programs/workshops/seminars specific to quality improvement year-wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
62	52	53	55	65

File Description	Document
List of teachers who attended programmes/workshops/seminars specific to quality improvement year-wise during the last five years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Details of programmes/workshops/seminars specific to quality improvement attended by teachers year-wise during the last five years	[View Document](#)
Certificate of completion/participation in programs/ workshops/seminars specific to quality improvement	[View Document](#)

6.5.3

The Institution adopts several Quality Assurance initiatives

The Institution has implemented the following QA initiatives :

1. Regular meeting of Internal Quality Assurance Cell (IQAC)

2. Feedback from stakeholder collected, analysed and report submitted to college management for improvements

3. Organization of workshops, seminars, orientation on quality initiatives for teachers and administrative staff.

4. Preparation of documents for accreditation bodies (NAAC, NBA, ISO, NIRF etc.,)

Response: A. All of the above

File Description	Document
Report of the workshops, seminars and orientation program	[View Document](#)
Report of the feedback from the stakeholders duly attested by the Board of Management	[View Document](#)
Minutes of the meetings of IQAC	[View Document](#)
Institutional data in prescribed format	[View Document](#)
AQAR submitted to NAAC and other applicable certification from accreditation bodies	[View Document](#)
Link for Additional Information	[View Document](#)	

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Total number of gender equity sensitization programmes organized by the Institution during the last five years

Response: 11

7.1.1.1 Total number of gender equity sensitization programmes organized by the Institution year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
3	1	3	2	2

File Description	Document
Report gender equity sensitization programmes	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geotagged photographs of the events	[View Document](#)
Extract of Annual report	[View Document](#)
Copy of circular/brochure/ Report of the program	[View Document](#)

7.1.2

Measures initiated by the institution for the promotion of gender equity during the last five years.

Response:

Gender Equity is not only a fundamental human right, but also a necessary foundation for a peaceful, prosperous and sustainable world. The objective of gender equity is a society in which women & men enjoy the same opportunities, rights and obligations in all spheres of activities. Dayananda Sagar College of Dental Sciences has undertaken numerous measures to ensure that there is gender equity within the campus to create a work environment that is free of bias, stereotypes and discrimination.

Internal complaints committee (ICC*)* for prevention of sexual harassment against women has been established as per Supreme Court of India to address any grievances or harassment faced by female staff or student. The committee also organizes various programmes to create awareness about gender equity. The members of the committee are active and readily available to provide assistance.

Every year DSCDS celebrates International Women's Day to commend womanhood and to create

awareness about gender equality. On this day, Chief guests are invited who speak about topics related to women empowerment and gender equality and encourage and inspire women staff and students. The day is celebrated with specific themes like Healthy Smile for her, Women's Oral health -Our Concern etc. where female patients are made aware of hormonal changes that can affect their oral health and the measures to take care of oral health. Various cultural programmes and games are organized for female staff and students and their achievements are recognized.

Mentor mentee committee has been formed that will discuss and address any sensitive issues faced by both male and female students. DSCDS has also appointed a counselor through mentorship committee who will counsel students or staff if they are experiencing any emotional or mental health issue. The entire campus has security guards at every entrance. To ensure safety of female staff and students, CCTV cameras have been installed throughout the campus and corridors. Each Department and common areas within the building is also under constant CCTV surveillance. CCTV camera and female security guard are present at the entrance of the ladies hostel for security and constant surveillance of the students. A register has been maintained for entry and exit that has to be entered compulsorily. Only supervised movement is allowed. If any student has not reported back within the stipulated time, information is sent to the parent.

Separate common rooms are provided for girls and boys. The ladies common room has a sanitary pad vending machine. Maternity leave is given to all the eligible employees according to the norms of government. Paternity leave of 15 days is also granted for eligible employees.

File Description	Document
Any additional information	[View Document](#)
Specific facilities provided for women in terms of a. Safety and security b. Counselling c. Common Rooms d. Day care centre for young children	[View Document](#)
Link for any other relevant information	[View Document](#)
Annual gender sensitization action plan	[View Document](#)

7.1.3

The Institution has facilities for alternate sources of energy and energy conservation devices

1. Solar energy

2. Wheeling to the Grid

3. Sensor based energy conservation

4. Biogas plant

5. Use of LED bulbs/ power efficient equipment

Response: C. Any three of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Installation receipts	[View Document](#)
Geo tagged photos	[View Document](#)
Facilities for alternate sources of energy and energy conservation measures	[View Document](#)

7.1.4

Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- **Solid waste management**

- **Liquid waste management**

- **Biomedical waste management**

- **E-waste management**

- **Waste recycling system**

- **Hazardous chemicals and radioactive waste management**

Response:

DSCDS incorporates ecofriendly practices and promotes a clean and green campus that has many facilities and discourages the act of littering by the use of many signboards in multiple locations. Other facilities like sewage treatment plant and waste management are also present.

1. **Solid waste management**: the solid waste is if two types, biodegradable/wet and non-biodegradable/ dry waste. The dry waste generated by the institution is collected and segregated in garbage bins in each department and is eventually discarded into bigger bins. Waste segregation is done by collection of dry waste in blue bins and wet waste in green bins as per national standard protocols. Most of the wet waste generated from the hostels and canteens and some from the institute are collected in their respective bins and both the dry waste and wet waste are disposed by the Bruhat Bengaluru Mahanagara Palike, Bangalore.
2. **Liquid waste management**: Waste water generated daily from the hostel and canteen, flushing toilets, cleaning and mopping the building, handwash research and teaching purposes are treated in the waste water treatment plant and is recycled for the watering of plants in the gardens and

flushing the toilets. The sewage treatment plant (STP) treats this waste water by extended aeration- activated sludge process.

3. **The biomedical waste management**: Dayananda Sagar College of Dental Sciences has an exclusive Memorandum of understanding with Maridi Eco Industries Pvt. Ltd since February of 2016 with consent from Karnataka state pollution board for managing biomedical waste in Bangalore rural district at Kanakapura road with their state of-the-art shredder, autoclave system and incinerator. The medical waste produced by the dental hospital is disposed of into properly color-coded garbage bins placed in all the respective dental departments of the college as per the pollution control board regulations for the treatment and final disposal of the biomedical waste. The collection and disposal of biomedical waste take place twice a week. The students and staff of DSCDS are orientated on the management of biomedical waste.

4. **E-Waste**: College has a central electronic data processing department aka EDP which collects the e-waste generated from the institution which are then inspected and verified. The parts are then cannibalized and only the non-salvageable parts are disposed to scrap vendors for further e-waste management.

5. **Hazardous chemicals**: The laboratories of the institute use chemicals such as strong acids or corrosive alkalis in very miniscule quantities that are collected in a container pit and then highly diluted in the pit and disposed off into the sinks of labs which makes its way into the sewage system. Excess mercury generated during restoration is collected and stored in mercury spill kits. The used X-ray films, lead foils and fixer solutions are disposed off by Govindan Ideal Imaging Ultimate X-ray solutions periodically.

File Description	Document
Link for relevant documents like agreements/MoUs with Government and other approved agencies	[View Document](#)
Link for geotagged photographs of the facilities	[View Document](#)
Link for any other relevant information	[View Document](#)

7.1.5

Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo tagged photos of the facilities as the claim of the institution	[View Document](#)
Geo tagged photo Code of conduct or visitor instruction displayed in the institution	[View Document](#)

7.1.6

Green campus initiatives of the Institution include

1. Restricted entry of automobiles

2. Battery-powered vehicles

3. Pedestrian-friendly pathways

4. Ban on use of plastics

5. Landscaping with trees and plants

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geotagged photos / videos of the facilities if available	[View Document](#)
Geotagged photo Code of conduct or visitor instruction displayed in the institution	[View Document](#)
Any additional information	[View Document](#)
Link for additional information	[View Document](#)

7.1.7

The Institution has disabled-friendly, barrier-free environment

1. **Built environment with ramps/lifts for easy access to classrooms**
2. **Divyangjan friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment**

5. **Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geo tagged photos of the facilities as per the claim of the institution	[View Document](#)

7.1.8

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socio-economic and other diversities. Add a note on how the Institution has leveraged its location for the services of the community (within 500 words).

Response:

Cultural, regional inclusiveness:

Dayananda Sagar College of Dental Sciences regards inclusiveness as one of its core values since its inception in 1992. Our college has a vibrant culture and a diverse population of students from different regions in the country as well as from other South East Asian countries. Fresher's day is organized every year where different activities are conducted to break the ice amongst the newly joined first years and their seniors. Sports and cultural activities are also held every year where staff and students actively participate helping in breaking the barrier and also in team building. The college celebrates National festivals and festivals such as Holi, Christmas, Onam, Kannada Rajyotsava etc where the students and faculty are encouraged to wear traditional attire pertaining to that festival. Carnivals are celebrated yearly that include games, food stalls and cultural activities to showcase the unique traditional and cultural practices of different regions.

Linguistic inclusiveness

For the benefit of newly joined students, orientation on basic Kannada language is conducted during their first year. Once they start their clinical postings they are encouraged and guided to speak in the local language for a better communication and rapport with the patients.

Socio economic and communal inclusiveness:

As part of providing an inclusive environment, oral screening and treatment and oral health awareness programs are conducted catering to lower socio-economic strata, populations with limited access to dental care such as people with special needs, inmates of old age homes and differently abled children regardless of their caste, creed, religion, social class or gender with its fully equipped state of the art

mobile dental unit free of cost.

Health education rallies are conducted on topics of public health importance such as AIDS, Blood Donation, Oral Hygiene, ill effects of tobacco, oral cancer etc thereby promoting people to inculcate good habits and healthy lifestyles.

As part of including all stake holders, the institution has MoUs with BBMP and Department of Health, GOK. Four Dental satellite centers are established catering to the dental needs of the people by providing all treatment modalities including Root canal treatments free of cost. Our college has MOUs with NIMHANS and ISRO; the employees of these organizations utilize the college facilities and expertise for their dental concerns.

Location

The college is located in the southern hub of Bangalore which is thickly populated and belonging to the middle and lower socio-economic strata. There are pockets of slums within a radius of 2 -3 kms where the college conducts routine screening and oral health awareness camps and referral cards are given to patients requiring dental treatments to avail treatment at the college at discounted rates over and above the subsidized rates charged at the institution. To cater to this disadvantaged population, routine health education and screening programs are conducted regularly. Special drives are conducted for 2 months in a year where registrations for treatment in the college are done free of cost. Both simple and complex procedures are provided at a highly subsidized cost.

File Description	Document
Any additional information	[View Document](#)
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)
Link for any other relevant information/documents	[View Document](#)

7.1.9

Code of conduct handbook exists for students, teachers and academic and administrative staff including the Dean / Principal /Officials and support staff.

1. The Code of conduct is displayed on the website

2. There is a committee to monitor adherence to the code of conduct

3. Institution organizes professional ethics programmes for students, teachers and   the academic and administrative staff

4. Annual awareness programmes on the code of conduct are organized

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Information about the committee composition number of programmes organized etc in support of the claims	[View Document](#)
Details of the monitoring committee of the code of conduct	[View Document](#)
Details of Programs on professional ethics and awareness programs	[View Document](#)
Any other relevant information	[View Document](#)
Web link of the code of conduct	[View Document](#)

7.1.10

The Institution celebrates / organizes national and international commemorative days, events and festivals

Response:

DSCDS celebrates International National as well as other cultural events such as -

1. WORLD HEALTH DAY- April 7 -Awareness rallies and programs are conducted in and around the college campus and create awareness based on the Theme for the particular year.

2. WORLD NO TOBACCO DAY- May 31. Based on the theme every year, Poster competitions, Rangoli competitions, short video/reels competitions and lectures are organized for students. Walkathon rallies are organized and IEC materials are provided to the public to inform them about the harmful effects of tobacco.

3. WORLD ENVIRONMENT DAY- June 5- Sapling plantation was done in open areas of Metro station parking area to create a green area around the station. A Cyclathon was also organized from college to Vidhana Soudha, carrying banners and placards about reducing carbon footprint.

4. WORLD ORAL HYGIENE DAY- August 1- Department of Periodontia annually organizes programs and competitions for graduates and undergraduate students

5. BLOOD DONATION DAY- October 1- Every year students are motivated to donate blood voluntarily. Blood banks are requested to join hands for the social cause. On an average 70 to 80 pints of blood are collected every year.

6. WORLD AIDS DAY- December 1- Awareness rallies, skits and flash mobs are organized to sensitize the public regarding this dreaded disease and how we can prevent it. IEC material is distributed to all.

7. INTERNATIONAL YOGA DAY – June 23-Yoga trainers are invited to our institution every year with yoga sessions planned for the day.

8. INTERNATIONAL WOMENS DAY – March 8-The dental college truly believes in gender equity and sensitization. Programs are conducted annually with specific themes where guests are invited to speak about gender issues.

9. NSS FOUNDATION DAY- September 24-Covid awareness program was conducted to commemorate NSS day and covid protection kits including masks, sanitizers and medicines were provided to Group D workers of the college. A talk on how to dispose single used plastics was also explained by the chief guest

10. NATIONAL TOOTHBRUSHING DAY - November 7- The Dental Council of India and Indian Association of Public Health Dentistry have earmarked November 7th as the National toothbrushing day. The dental college organizes school dental health program and health education talks are given.

11. VIVEKANANDA JAYANTHI – January 12- As part of Swami Vivekananda's birthday, the college conducts Be Good, Do-Good programs and invites Guests to inspire and motivate youth by their talks on Swamy's principles and exceptional service-oriented life.

12. TEACHERS DAY – September 5: Every year we celebrate Teachers Day with fun and frolic, games and cultural events organized by the students.

13.INDEPENDENCE DAY- August 15: Celebrated every year by hoisting the flag and singing patriotic songs.

14. CHILDREN'S DAY- NOVEMBER 14: Celebrated by providing oral health education and distributing free toothpaste and toothbrush to children.

The college also celebrates festivals such as Holi, Onam, Christmas and Ganesh Chaturthi with joy and fervor.

File Description	Document
Link for additional information	[View Document](#)

7.2 Best Practices

7.2.1

Describe two Institutional Best Practices as per the NAAC format provided in the Manual

Response:

BEST PRACTICE 1

Title of the Practice: Digitalization of the Institution

Objectives

1. To Reduce the carbon footprint and go paperless
2. Digital Maintenance of patient records
3. Simple and easy inventory management of library and e-books
4. Easy access to all library books and Journals
5. Introduce latest software to students for improved diagnosis and treatment planning.

Context

1. Designing the case history record for the students was a challenging task as each department followed a different case history format.
2. Making the software user friendly and also accessible via the mobile phones was difficult.
3. Making a comprehensive cost and treatment charges according to the different procedures, departments and students and staff were challenging.

The Practice

Dayananda Sagar College of Dental Sciences is progressively making efforts to reduce its carbon foot print by making many changes within the college day to day activities. To maintain patient records in a paper less form, the college has introduced a patient management software, Dental Management System DMS - a comprehensive tool to record the complete patient history, diagnosis, treatment notes, treatment done, payments as well as patient recall dates which was developed based on the inputs of all the staff. The college radiology section is now completely digitalized. All the x-rays taken are available on a server which is connected to all departments through a network LAN connection. Using software these radiographs can be viewed in any department easily and can be also stored for future research.

The college central library uses the Libsoft, a library inventory management software which is provided to staff and students of the college. They can access and download material from this software using the college IP address. The e-software contains 4214 books, 330 e-journals from 10 Journal titles, 550 e-books and 1260 bound volumes of journals for easy access to staff and students. E-copies of Student dissertations as well as previous year question papers are available too. The library also has direct access to numerous e- journals and also through Rajiv Gandhi University of Health Sciences operated Helinet software.

The Department of Orthodontics uses the Nemoceph software which is the most complete and the best orthodontic tool for diagnosis, treatment planning and case presentation. The cephalometric tracing and growth prediction areas are automatically drawn from the software once the required documents of the patient are added on to it.

Evidence of success

Case history record, diagnosis and X rays done in the department of Oral medicine and radiology are easily accessible to all the departments. Nemoceph software has made diagnosis easy and more efficient.

The students and faculty are able to easily access numerous books and e journals through the Libsoft software.

Problems encountered and resources required

The usage of DMS software becomes difficult during network impairment.

Whenever there is an increased flow of patients, there are delays in completing the patient entries with the given number of tabs and computers.

BEST PRACTICE 2

Title of the practice: Extending oral healthcare to deprived and vulnerable populations through outreach activities

Objectives

1. To cater to the oral healthcare needs of the underprivileged and disadvantaged sections of the society thereby contributing towards national development.
2. To increase the awareness on oral hygiene maintenance and emphasize on primary prevention of oral health problems through health education thereby reducing the burden on the healthcare system.
3. To inculcate a value system of social responsibilities and skill development among interns and postgraduates in real life situations.

Context

1. The population in rural areas usually comprises of lower socio-economic strata, with lack of awareness, limited access, and affordability to healthcare. Hence, these populations have high prevalence of oral diseases, poor oral hygiene practices with high number of unmet treatment needs.
2. Complex dental treatment procedures require heavy and sophisticated equipment, multiple dental specialists and skilled manpower. Outreach activities conducted at remote areas with poor infrastructure, limited power and water supply can be challenging, and calls for innovative skills to be adopted.

The practice

In its mission on **'reaching the unreachable'** DSCDS regularly conducts dental camps and other outreach activities within the state as well as in the neighboring states to address the oral healthcare needs of the disadvantaged populations. Emphasis is laid on primary prevention by providing health education through audio visual aids, thus imparting oral healthcare awareness to the population. In addition to screening, procedures like scaling, restorations, extractions and complex clinical procedures like root canal treatment, dis-impactions and dentures are also provided which are otherwise limitedly available and unaffordable to these populations. Special camps are conducted at old age homes, orphanages and school for differently abled to provide oral healthcare at their doorstep.

The state-of-the-art Mobile Dental Unit (MDU) of DSCDS is equipped to function both with electricity and generator and has two dental chairs, portable X ray unit, RVG (digital sensors) and other required equipment to treat complex procedures. It also has provision to carry multiple portable chairs which enable us to treat more patients within the available time period at the camp site.

Evidence of success

Since its inception, DSCDS has immensely contributed to its social responsibility by conducting numerous camps and outreach activities. The institution has screened and treated over twelve thousand patients despite outreach programs not being conducted due to Covid -19 pandemic in most part of 2020 and 2021.This has a significant impact on greatly reducing the burden of the oral diseases in the community and augment the infrastructure of public healthcare system. Such outreach activities have given a great opportunity for our interns and postgraduates to enhance and hone their clinical skills and mould themselves into responsible and service-oriented citizens.

Our extension of Oral healthcare in such remote areas inculcates need-based skills among our UG/PG students to add value to their profession of dentistry.

Problems encountered and resources required

Dental camps and outreach activities are in the rural areas which require long travelling time. This sometimes leads to shorter working hours at the camp site. This challenge can be overcome with additional manpower and conducting overnight camps.

File Description	Document
Any additional information	[View Document](#)
Link for best practices page in the Institutional web site	[View Document](#)
Link for any other relevant information	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 500 words

Response:

DSCDS emphasizes overall personality development of a student, benefitting the humanity at large. It has an excellent student support system which promotes physical, mental, social and spiritual development of the Learner in a conducive environment for learning. **We believe that this holistic development of the Learners as nurtured by DSCDS through a multitude of student support facilities is our Institutional Distinctiveness, which is achieved through the following facilities and**

practices:

A salubrious and envious campus environment:

The institution is located in a lush green campus situated on a hillock, with picturesque landscape covering twenty three acres of land of which about fifteen acres are open spaces that act as a lung space in the midst of a concrete jungle endowed with a rich flora and fauna. The landscape covers about two thousand trees, some of which are known to release abundant oxygen to the atmosphere thereby greatly improving the quality of atmospheric air and reduced noise levels inside the campus.

A Knowledge-boosting learning environment!

In addition to quality teaching program, there exists a structured IRB (Institutional Review Board), an advance research committee and a policy document guiding them to ensure opportunities for intellectual enlightenment to up-skill them in conducting contemporary research leading to notable publications.Students are also provided the required support for seeking employability through the placement programs offered by reputed organizations and are given the required career guidance by experts to encourage them to craft their careers accordingly.

Opportunity for Social cohesion, developing cultural and sportive spirit and learning Life skills….

The institution provides opportunities for collaboration with multiple organizations that cater to the health needs of a larger community. Students are posted in various peripheral centres where they provide Oral healthcare services to the socially-/economically- vulnerable populations. They are trained periodically with respect to soft skills by the experts. The campus also has a state-of-the-art gym, squash court, basketball court, tennis court, football and cricket grounds promoting an interest in sports among students.

Our student mentorship and counselor program- a hallmark!

A well-designed and implemented mentorship program for the students with a policy document is in vogue for the last three years. Faculty are trained to take the role of mentors, mentor-mentee meetings are conducted regularly once in three months and students with psychological problems are provided with need-based psychological counseling by an expert counselor.

Adding the spiritual quotient!

The institution has a good student support system in terms of YOGA and spiritual centres providing yoga training and meditation classes for the students. A yoga expert has been appointed for training .There in an ancient Shiva temple which dates back to more than 600 years and adds to the positive vibes of the place.

In summary, Learners emerging out of our institution are distinctly capacitated with a host of values of Innovation, Equity, Human capacity, Core competencies. Civic Engagement and Social Justice and Integrity, in addition to nurturing professional quality oral hygiene and dentistry practice, making it a distinctive feature of the institution.

File Description	Document
Link for any other relevant information	[View Document](#)
Link for appropriate web page in the institutional website	[View Document](#)

8.Dental Part

8.1 Dental Indicator

8.1.1

NEET percentile scores of students enrolled for the BDS programme for the preceding academic year.

Response: 77.52

8.1.1.1 Institutional mean NEET percentile score

Response: 77.51980306

File Description	Document
NEET percentile scores of students enrolled for the MBBS programme during the preceding academic year	[View Document](#)
List of students enrolled for the BDS programme for the preceding academic year	[View Document](#)
Institutional data in prescribed format	[View Document](#)

8.1.2

The Institution ensures adequate training for students in pre-clinical skills

Response:

The practice of dentistry is all about applying sound theoretical knowledge to an individual's practical/clinical work. The curriculum as prescribed by RGUHS caters to developing and honing the required pre-clinical skills of dental graduate students prior to treating patients.

Preclinical exercises are as per the guidelines of Statutory Regulatory Authorities (SRAs) (RGUHS and DCI), which are briefly detailed below:

Preclinical Exercises				
I BDS	II BDS	III BDS	IV BDS	POSTGRADUATE
Prosthodontics				
i) Mixing of Plaster of Paris ii)Manipulation of alginate material ,Impresion materials	i) Fabrication of Denture Base, Preparation of occlusal rims. ii)Mounting the articulator		Crown Preparation on typodont models	Preparation of study casts and anatomical landmarks, Fabrication of cast partial denture, Fixed partial dentures, Onlay,

iii) Identification of Anatomical landmark on cast.	iii)Teeth Arrangement iv)Acrylization process			Veneer and maxillofacial prosthesis.
Conservative & Endodontics				
	i)Manipulation/mixing of various dental cements ii)Preparation of Plaster Models and different class cavity preparations iii)Cavity Preparations and application of dental cements on typodont models			i)Sectioning of tooth Cavity, post and core, Inlay and Only ,Crown (3/4th and 1/4th) on typodont models preparation ii)Veneer Preparation iii)Model Analysis iv)Smile Analysis
Periodontics				
		Demonstration and hands-on Principals of Instrumentation on Cast		Suturing Principles and tecniques on typhodont model, Splinting and occlusal adjustments on casts
Paedodontics				
			1)wax carving of primary teeth 2) root canal procedures on extracted teeth	
Oral Surgery				
			Suturing Exercise on Models	Inter-maxillary fixation on casts preclinical exercise.
Orthodontics				
		wire bending and discussion of case	wire bending,	Basic wire bending, Appliances

		history of sample cases	Study model analysis	fabrication

Recognizing the importance of building this foundation, our institution has set-up need-based pre-clinical laboratories to train our students to gain adequate simulated practical experience and acquire relevant skills before entering clinics and to facilitate the above, institution has well equipped, pre-clinical labs as part of the college infrastructure, which are as follows:

- Prosthodontics preclinical labs with a seating capacity of 40 numbers has individual bunsen burners and other laboratory equipment like model trimmers, lathe and acrylizers.
- UG Phantom head lab comprising of 38 phantom heads and manikins are used for simulated practical training.
- The courses of Prosthodontics and Conservative/Endodontics PG pre-clinical labs are equipped with 2 phantom heads/manikins and 6 phantom heads/manikins respectively for simulated learning.
- Oral and Maxillo-facial Surgery organizes Basic Life Support programs every year on manikins to provide these skills to students and faculty alike .

Some of the additional steps taken to improve pre-clinical skills are:

- Structured Pre-clinical postings with small batches for undergraduates to enable the faculty to give individual attention to students.
- Regular assessments to evaluate the pre-clinical skills outcomes.
- Planned modules for Postgraduate training in a phased and timely manner
- Regular Continued Dental Education programs and workshops to provide additional training to students.

Faculty is encouraged to attend Continued Dental Education programs, workshops, conferences and Faculty development programs to acquire latest techniques/new pedagogies for transfer of such skills to our students thereafter.

File Description	Document
Geo tagged Photographs of the pre clinical laboratories	[View Document](#)
Any other relevant information	[View Document](#)

8.1.3

Institution follows infection control protocols during clinical teaching

  1. **Central Sterile Supplies Department (CSSD) (Registers maintained)**

> **2. Provides Personal Protective Equipment (PPE) while working in the clinic**
> **3. Patient safety curriculum**
> **4. Periodic fumigation / fogging for all clinical areas (Registers maintained)**
> **5. Immunization of all the caregivers (Registers maintained)**
> **6. Needle stick injury Register**

Response: A. All of the above

File Description	Document
Relevant records / documents for all 6 parameteres	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Immunization Register of preceding academic year	[View Document](#)
Disinfection register (Random Verification by DVV)	[View Document](#)
Any additional information	[View Document](#)
Link for Additional Information	[View Document](#)

8.1.4

Orientation / Foundation courses practiced in the institution for students entering the college / clinics / internship:

Response:

DSCDS offers useful and focused orientation/foundation courses to freshers (UG/PG) entrants of the college each academic year as detailed below:

Orientation for Freshers

Orientation day is held every year at the inception of the academic session. Eminent personalities from various walks of life who can enthuse and motivate students are invited as Chief Guests along with an academician of repute as the Guest of Honor. Students are welcomed and briefed about the programs, courses, curriculum, rules and regulations of the institution, facilities available in the campus, academic and non-academic activities planned for the year and available student support system. Undergraduate students are then escorted on a campus tour to show them around the classrooms, library, preclinical labs, clinical departments, hostel and canteen. While on this campus tour, they are also introduced to the faculty members and departments of the college. They are instructed to attend the Kannada communication classes and soft skills programs which would help them to adapt to the professional practice.

Postgraduate students are given an insight into the PG program, Curriculam, Synopsis writing, presentations of journal clubs and seminars, professional ethics, infection control, sterilization,

biomedical waste management and basic etiquettes of professional practice of dentistry.

White coat ceremony

The institution conducts this annual event to orient the third year students before they begin hands-on working with patients in clinics. Experienced faculty members enlighten them about the protocols to be followed in clinics including professional etiquette, proper communication with patients, maintenance of clinical case records, usage of Patient Management Software (PMS), guidelines of proper sterilization, safety norms of radiation and mercury usage norms, handling medical emergencies, patient/doctor-friendly ergonomics and professional ethics of patient-care and dentistry practice.

Workshops on patient care

Workshops and continued dental education programs on community skills, infection control, biomedical waste management, professional ethics and patient-care are conducted each year. The students are encouraged to participate in Oral Hygiene Day program conducted annually through which they are involved in different activities of oral health promotion in house and as well as in camps. The Postgraduates undergo training in softskill through workshop which are conducted annually.

Internship orientation

This program is conducted at the beginning of the one-year mandatory rotatory internship. The roles, duties and responsibilities of interns are elucidated and they are oriented about the activities of internship when they are posted in different departments, as per the RGUHS guidelines. They are also oriented about the social responsibility and encouraged to participate.

Others:

Postings in Forensic Medicine at BMCRI and casualty at CDSIMER, satellite clinics and rural postings equip interns to face real-life challenges. Few value-added courses for interns like Implant and laser courses expose them to advancements in clinical practice. The institution has initiated campus-interview-style placements with a few students being successfully placed in various companies. Educative programs for career guidance, about opportunities and placements at the national and international level are also conducted. The interns are also encouraged to participate in various scientific fora.

File Description	Document
Programme report	[View Document](#)
Orientation circulars	[View Document](#)

8.1.5

The students are trained for using High End Equipment for Diagnostic and therapeutic purposes in the Institution.

1. **Cone Beam Computed Tomogram (CBCT)**
2. **CAD/CAM facility**
3. **Imaging and morphometric softwares**
4. **Endodontic microscope**
5. **Dental LASER Unit**
6. **Extended application of light based microscopy (phase contrast microscopy/polarized microscopy/fluorescent microscopy)**
7. **Immunohistochemical (IHC) set up**

Response: A. Any 5 of the above

File Description	Document
Usage registers	[View Document](#)
Invoice of Purchase	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Geotagged Photographs	[View Document](#)

8.1.6

Institution provides student training in specialized clinics and facilities for care and treatment such as:

1. **Comprehensive / integrated clinic**
2. **Implant clinic**
3. **Geriatric clinic**
4. **Special health care needs clinic**
5. **Tobacco cessation clinic**
6. **Esthetic clinic**

Response: A. Any 5 of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Geotagged Photographs of facilities	[View Document](#)
Certificate from the principal/competent authority	[View Document](#)

8.1.7

Average percentage of full-time teachers who have acquired additional postgraduate Degrees/Diplomas/Fellowships beyond the eligibility requirements from recognized centers/universities in India or abroad. (Eg: AB, FRCS, MRCP, FAMS, FAIMER & IFME Fellowships, Ph D in Dental Education etc.) during last five years

Response: 7.25

8.1.7.1 Number of fulltime teachers with additional PG Degrees /Diplomas /Fellowships/Master Trainer certificate

2021-22	2020-21	2019-20	2018-19	2017-18
8	4	7	2	3

File Description	Document
List of fulltime teachers with additional Degrees, Diplomas such as AB, FRCS, MRCP, FAMS, FAIMER/IFME Fellowships, Ph D in Dental Education etc. during the last 5 years	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Attested e-copies of certificates of postgraduate Degrees, Diplomas or Fellowships	[View Document](#)
Any other relevant information.	[View Document](#)

8.1.8

The Institution has introduced objective methods to measure and certify attainment of specific clinical competencies by BDS students/interns as stated in the undergraduate curriculum by the Dental Council of India

Response:

The institution strictly follows the mandated objective methods as stipulated in the undergraduate curriculum mandated by the DCI, in the measurement and attainment certification of specific clinical competencies of BDS students and interns, as detailed below:

1. Professionalism

2. Communication skills

3. Health promotion and maintenance

4. History taking and examination

5. Ethics and law

6. Patient care including diagnosis and treatment

7. Behavior management of anxious patients

8. Prevention and interception

9. Critical thinking

10. Leadership

Faculty are trained to assess the above said competencies of the students using various formative assessments and a summative assessment objectively.

The list of objective assessment methods followed in our institutions by the courses offered are:

Sl. No.	Objective Assessment Methods
1	Assignments
2	Objective Structured Clinical Examination (OSCE) and Objective Structured Practical Examination (OSPE)
3	Viva voce
4	Subject seminar
5	Problem solving exercises
6	Projects for community Oral hygiene and dental care, field survey and field visits
7	Research projects
8	Quizzes
9	MCQ tests
10	Project-Based Learning

Three internal assessments comprising of Case history recording, Case examination and Clinical skills or Psychomotor skills are scheduled. These are evaluated by the faculty not only for diagnosis, treatment planning, but also for critical thinking and problem-solving abilities and performing course-specific clinical skills on patients along with theory assessments .The posting-end clinical internal assessment also has viva voce for all students to know their communication skills, diagnosis, treatment planning & critical thinking abilities. Short research projects sensitize them to research & develop professionalism, critical thinking, and communication.

Each course uses any of the suitable objective methods mentioned in the above table to evaluate the student. Assignments are to be written for specific topics which will be evaluated as per the policy document adapted by respective courses. The weightages / marks obtained in all of these assessment methods are combined together to award marks in each of the internal assessments. The method of assessment in each course is informed to the student at the beginning of the year. All the details are shared with them to keep the process transparent & objective.

During internship, various clinical skill competencies, projects, surveys, MCQs on specific topics (eg. Implants, lasers etc) are assessed as a part of their overall evaluation while in training.

The institution strives to provide skills related to BLS (Basic Life Support) to all the students in their final year BDS or while doing internship, in collaboration with the American Heart Association (AHA). The participants are trained using manikins/simulators to impart clinical skills required to handle patients during medical emergencies. A certificate from AHA is awarded to students who clear the MCQ based test, ratified by AHA certified BLS trainers. The above assessment efforts of the institution ensure laudable and professional clinical practice and community service for our UG and PG student.

File Description	Document
Report on the list and steps taken by the College to measure attainment of specific competencies by the BDS students/interns stated in the undergraduate curriculum during the last five years	[View Document](#)
List of competencies	[View Document](#)
Geotagged photographs of the objective methods used like OSCE/OSPE	[View Document](#)
Any other relevant information	[View Document](#)

8.1.9

Average percentage of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years.

Response: 100

8.1.9.1 Number of first year students, provided with prophylactic immunization against communicable diseases like Hepatitis-B during their clinical work in the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
70	54	64	65	60

8.1.9.2 Number of first year Students addmitted in last five years

2021-22	2020-21	2019-20	2018-19	2017-18
70	54	64	65	60

File Description	Document
Policies documents regarding preventive immunization of students, teachers and hospital staff likely to be exposed to communicable diseases during their clinical work.	[View Document](#)
List of students, teachers and hospital staff, who received such immunization during the preceding academic year	[View Document](#)
Institutional data in prescribed format	[View Document](#)
Any other relevant information.	[View Document](#)

8.1.10

The College has adopted methods to define and implement Dental graduate attributes with a system of evaluation of attainment of such attributes.

Response:

Graduate attributes is a quality or feature or a characteristic which is ascribed to a person. Dental graduates will have to be trained to have these attributes which are displayed on the college website.

1. Academic attributes

- To be knowledgeable, skilled and competent and provide preventive, promotive and rehabilitative dental care.
- To perform procedures independently both in rural and urban settings
- To analyses, correlate and have clarity in the knowledge required and apply with independent judgment during patient care.
- To meet the challenges in oral health care with reasonable and informed decisions.

Implementation

- A planned curriculum is followed diligently to impart knowledge which includes student centric learning techniques along with didactic lectures.
- The postings in pre-clinical labs and clinics help them acquire hand–on experience in treating patients and become competent.
- Attending camps in rural areas, postings in satellite and peripheral centers, equip the students to treat patients in any setting independently, which also helps them learn community oral health perspective
- The under graduate students are also encouraged to take up short research projects which helps them to conceptualize evidence based solutions and sensitize them to research.
- Basic study of forensic odontology is introduced in UG curriculum.

2. Professionalism and Ethics

- To understand and fulfill the social responsibilities towards public health in general and community oral health.
- To imbibe and uphold values and principles of this noble profession
- To become a lifelong learner and develop a sense of enquiry and application
- To maintain professional inter-relationship ethics
- To adapt to changing scenarios and develop sustainable forms of treatment delivery to the public
- To preserve moral and ethical integrity while discharging duties to a wide and varied patients of different cultural and socioeconomic backgrounds

Implementation

The institution conducts orientation day, white coat ceremony where topics pertaining to professionalism, ethics are dealt with in detail.

3. Community oral health perspective

- To understand the patient's needs at an individual and community level
- To participate and contribute to research at various local, national and international levels
- To be able to conceptualize evidence based solutions which are cost effective
- To have an understanding of the effect of disease and its managements on the legal and cultural systems

Implementation

- Continuous dental education programs not only enhance knowledge on scientific topics but also on legal and social responsibilities of dental graduates.
- Apart from these, Camps, Special training programs and Oral health promotion activities are carried out to enhance the above skills.
- Students are trained in dealing with geriatric dental problems .

4. Soft skills

- To have the ability to communicate effectively with patients and professionals
- To help alleviate the pain with empathy and respect
- To work as a team member and team builder
- To develop a sense of inter-personal understanding, problem identification and problem solving with social responsibility
- To have the knowledge of and work effectively within the legal frame work

Implementation

Programs for improvement in soft skills are conducted every year where students hone their communication skills and learn about empathy and many other essential skills.

File Description	Document
Dental graduate attributes as described in the website of the College.	[View Document](#)

8.1.11

Average per capita expenditure on Dental materials and other consumables used for student training during the last five years.

Response: 0.23

8.1.11.1 Expenditure on consumables used for student clinical training in a year

2021-22	2020-21	2019-20	2018-19	2017-18
74.11	37.78	72.87	84.52	64.17

File Description	Document
Institutional data in prescribed format	[View Document](#)
Audited statements of accounts.	[View Document](#)
Any additional information	[View Document](#)

8.1.12

Establishment of Dental Education Department by the College for the range and quality of Faculty Development Programmes in emerging trends in Dental Educational Technology organized by it.

Response:

A majority of teachers in dentistry just learn to teach by themselves, probably emulating their teachers. In this context specific training is required for them in teaching skills, assessment skills and to get further up gradation. In this connection our college took initiative in establishing a **"Dental Education Technology Unit (DETU) in 2019.** This unit is managed by a special committee comprising of a Chairperson, Co-chair person, Coordinator and Members.

The committee is responsible for conducting faculty development programs in up skilling the faculty and enhancing quality improvement in teaching, learning skills and student assessment skills. The goal is to create a team of teachers which is excellent in the profession of teaching, passionate about teaching and dare to engage in innovative teaching.

In order to attain the goal, the following objectives are formulated:

1. To ensure continuous quality improvement in teaching, learning and assessment in the institution.
2. To update the faculty of the current trends in dental education by conducting seminars, symposium, workshops and conferences.
3. To promote conducting dental education research and discover special techniques of teaching , assessment on learning so that we can expand the existing body of end users.
4. To promote educational research publication in standard and high impact journals like medical teachers , academic medicine , advances in health science education
5. To promote inter professional education since our management has medical , physiotherapy and nursing colleges and planning to start allied health science institutes

Our Dental Education Technology Unit has a physical and functional presence. The unit operates from a room having physical space of about 300 sq. ft. with the required furnishing and a computer.

All our faculty have undergone training under Basic Course on Education Methodology (BCEM) offered by RGUHS Academic &Administrative Training Institute (RAATI), in-house by the college. Two faculty members are recognized as master trainers and have undergone boot camp course training by Rajiv Gandhi University of Health Sciences. One of the faculties has accomplished PG diploma in health profession education offered by KLE University in collaboration with university of Illinois, Chicago.

Dental Education Technology unit has organized multiple programs like BCEM, Orientation on Conduction of Journal club, Workshops on Mentorship , Scientific writing , OSCE and OSPE, Lasers and Dental Implant. During covid 19 pandemic Webinar Series on soft skills and Awareness Program on Intellectual Property Rights (IPR) were conducted. The DETU has also developed a series of faculty developing programs in the various domains of health profession education for the next 2 years. We are striving towards bridging the international practices and institutional practices to ensure quality educational exposure to all the learners.

File Description	Document
List of teachers year-wise who participated in the seminars/conferences/ workshops on emerging trends in Medical Educational technology organized by the DEU of the College during the last five years	View Document
List of seminars/conferences/workshops on emerging trends in Dental Educational Technology organized by the DEU year-wise during the last five years.	View Document
Any other relevant information	View Document

5. CONCLUSION

Additional Information :

DSCDS has reached more than 13,000 people in the last 5 years through its extension activities which has been our strength in serving the society. We are progressively making efforts to reduce our carbon foot print by digitization process. The institution maintains patient records in a paperless form by using Patient Management Software, a comprehensive tool to record all the patient details, customized to suit our needs. A completely digitized radiology department has made all radiographs to be available to all departments through a network connection. The library uses a Libsoft, a library inventory management software through which the staff and students can access and download digital copies.

Our distinctiveness lies in the student support facilities provided for the holistic development of learners. This happens in a lush green campus covering 23 acres enhancing the learning environment. The campus also has a state-of-the-art gym, squash court, basketball court, tennis court, football and cricket grounds promoting interest in sports among students.

Our Institutional Review Board registered with natik.gov ensures opportunities for intellectual development through new knowledge acquisition contributing towards quest for excellence.

Through career guidance for interns and campus recruitment initiatives, DSCDS is striving to help our students in additional ways. Renowned speakers from health care field are invited to inform and guide the students about opportunities in allied industries such as data analytics, data abstraction, clinical research, content writing, medical scribing, entrepreneurship, scanability/lean management, artificial intelligence, machine learning, health informatics, Doctor of Dental Surgery, MPh and Hospital administration in foreign universities fostering global competencies among our students.

The tie-ups with rural health centres help student interact and deliver oral health care to the under-privileged, making them responsible citizens. Our mentorship program helps groom students adequately and also intervene if any psychological/personal issues arise. The institution also boasts of providing training in yoga and meditation for the students. A 600 year old Shiva temple adjacent to the yoga centre adds to the positive vibes of the place. Overall, we strive to create & propagate a conducive atmosphere to learning, serving the society and contributing to nation building.

Concluding Remarks :

Right from the inception Mahatma Gandhi Vidyapeetha Trust (MGVPT) has engaged in education and health care delivery. The trust has been nurturing 28 institutions right from primary school level to centers of higher education which emphasizes their commitment to the field of education.

The institution aims to create future dentists who possess the right attitude, knowledge, passion and compassion towards the oral health care needs of the society. It also toils to raise the standards of dental education, encourage research among staff and students and create future leaders in the field of dentistry.

DSCDS is affiliated to the Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka and is governed by the provisions of the Dental Council of India. The Governing Council of the college serves as a link between

the management and the college for functioning, improvement and upgradation of the facilities.

Quality standards maintenance and quality improvement in areas of education, teaching, learning research and welfare measures are done by the IQAC of DSCDS.

The institution's chief purpose is to undergo the process of accreditation and assessment by NAAC, which is helping us in identifying the strengths, weaknesses, opportunities and areas where improvement can be done to enable it to be ready for the NEP and be competent globally.

The Self Study Report (SSR) has been through a long-drawn, yet enjoyable in-house process where-in all the staff members were involved, including the administrative personnel. All were divided into criteria-wise groups, had frequent brain-storming sessions over the last months and the collation of data and responses have been a joint effort of all concerned.

The exercise has been very helpful in analyzing the past performance, recognizing the SWOC of the institution, collate the data on academic and administrative performance in the last 5 years tenure, has also plan the way forward for the institution's aspirations. The SSR submitted to NAAC showcases the institutional achivments, best practices, proficient measures and also areas of planned improvement for further development, for ushering the institution into a center of excellence in the dental health education in the years to come.

DSCDS has in place a dynamic IQAC for designing, planning and implementing all quality related practices, to ensure its incremental growth in the coming years.

DSCDS is sensitive to infusing the core values and principles of professionalism, integrity, ethics, universality and equity as enumerated in the National Oral Health Policy of the GoI amongst its learners. It is commited ot reach out quality dental education to nurture the ethics of reaching out affordable pateint-centric quality dental care through inclusive partnerships and pracitce. Guided by the universal oral health coverage ideals of the WHO, DSCDS shall strive towards training a future generation of oral health work force to respond to population needs through optimizing digital technologies for oral health and reach out tailored oral health accross the life course, adopting the UN SDGs of 2030.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
4.5.1	Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years 4.5.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in lakhs) Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
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214.64	156.29	193.56	242.86	231.65 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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121.97	62.15	86.74	84.50	85.63	 Remark : Input edited as per the supporting documents.
6.5.2	Average percentage of teachers attending programs/workshops/seminars specific to quality improvement in the last 5 years 6.5.2.1. Number of teachers attending programs/workshops/seminars specific to quality improvement year-wise during last five years Answer before DVV Verification: 	2021-22	2020-21	2019-20	2018-19	2017-18
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76	55	62	64	74 | Answer After DVV Verification : | 2021-22	2020-21	2019-20	2018-19	2017-18
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62	52	53	55	65	 Remark : Input edited as per the supporting documents.
7.1.3	The Institution has facilities for alternate sources of energy and energy conservation devices 1. Solar energy 2. Wheeling to the Grid 3. Sensor based energy conservation

4. Biogas plant

5. Use of LED bulbs/ power efficient equipment

    Answer before DVV Verification : B. Any four of the above
    Answer After DVV Verification: C. Any three of the above

2.Extended Profile Deviations

ID	Extended Questions
1.1	Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs) Answer before DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
233.62	200.11	226.66	274.99	231.71

Answer After DVV Verification:

2021-22	2020-21	2019-20	2018-19	2017-18
233.62	200.11	226.66	274.99	231.73