



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	ITS CENTRE FOR DENTAL STUDIES AND RESEARCH
Name of the head of the Institution	Dr. Vinod Sachdev
Designation	Director
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	01232225380
Mobile no.	9582374054
Registered Email	dental@its.edu.in
Alternate Email	vinodsachdev@its.edu.in
Address	I.T.S Dental College Delhi -Meerut Road, Muradnagar, Ghaziabad. Uttar Pradesh
City/Town	GHAZIABAD
State/UT	Uttar pradesh

Pincode	201206																								
2. Institutional Status																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Rural																								
Financial Status	private																								
Name of the IQAC co-ordinator/Director	Dr. Devi Charan Shetty																								
Phone no/Alternate Phone no.	01232225380																								
Mobile no.	9811585670																								
Registered Email	dental@its.edu.in																								
Alternate Email	devicharanshetty@its.edu.in																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://itsdentalcollege.com/sites/default/files/aqar_report%202018-19.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://itsdentalcollege.com/sites/default/files/Academic%20Calendars%20%20Holiday%20Lists.pdf																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>3.15</td> <td>2012</td> <td>21-Apr-2012</td> <td>20-Apr-2017</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.25</td> <td>2017</td> <td>12-Sep-2017</td> <td>11-Sep-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	A	3.15	2012	21-Apr-2012	20-Apr-2017	2	A	3.25	2017	12-Sep-2017	11-Sep-2022
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
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1	A	3.15	2012	21-Apr-2012	20-Apr-2017																				
2	A	3.25	2017	12-Sep-2017	11-Sep-2022																				
6. Date of Establishment of IQAC	21-Apr-2012																								
7. Internal Quality Assurance System																									

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Student Exchange Program - Korea	06-Jun-2019 6	8
CDE workshop on clinical photography	21-Sep-2019 1	51
Facial Aesthetics Course and Certification ceremony (Periodontology)	26-Sep-2019 2	14
Student exchange program (Conservative)	09-Jul-2019 4	8
CDE program Clinical Quagmires in Orthodontics	30-Aug-2019 1	51
5th Oral Implantology Course- Module 1	23-Jul-2019 3	61
Lectureand Hands on workshop on Nitrous Oxide Inhalational Sedation (Pediatrics)	21-Sep-2019 1	34
Inter I.T.S Fest - 2019	26-Sep-2019 3	450
Workshop on Stress Reduction & Wellness through Yoga & Ayurveda by Yogi Dr. Amrij Raj	14-Oct-2019 1	124
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Akriti- Oral Pathology	Research Fellow	ICMR	2018 365	147535
Dr Reema- Oral Pathology	Research Fellow	ICMR	2019 365	526846
Dr. Kriti- Oral pathology	Research Fellow	ICMR	2019 365	506241
Dr. Afreen- Oral Pathology	Research Fellow	ICMR	2019 365	416111
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :	7
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. Clinical Competency exams have been introduced for final year BDS so as to generate and increase interest of students in clinical procedures and those passing the exam are exposed to advanced treatment modalities. 2. Introduction of Basic modular implantology course for BDS final Year 3. Intern students clinico pathologic conference has been made research oriented which allows the students to present and publish papers. 4.National and international webinar series have been started to provide students with additional knowledge of current techniques being followed around the country and the world. 5. Students are being exposed to the use of basic endodontic microscopy so as to generate interest in the subject and expose them to latest technology 6. Online lectures were started to tide over covid times

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
IVR calling for feedback system	Implemented
Microdentistry for UGs and PGs	Students being exposed to endodontic microscopes.
Sports complex	Inaugrated and being used by students
Dedicated express card clinics in Conservative dentistry, Ortho and Oral Surgery	Achieved for Ortho and Oral Surgery
Start hair Transplant courses in college	Course was held but yet to implement it in clinics
Set Up central Sterilization Unit in college	Achieved
Start Cleft Care in Institution	Few Cases started but need to get more exposure

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14. Whether AQAR was placed before statutory body ?	Yes				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Name of Statutory Body</th> <th style="width: 50%; text-align: center;">Meeting Date</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Management Review Board</td> <td style="text-align: center;">21-Jul-2021</td> </tr> </tbody> </table>		Name of Statutory Body	Meeting Date	Management Review Board	21-Jul-2021
Name of Statutory Body	Meeting Date				
Management Review Board	21-Jul-2021				
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No				
16. Whether institutional data submitted to AISHE:	Yes				
Year of Submission	2020				
Date of Submission	17-Jan-2020				
17. Does the Institution have Management Information System ?	Yes				
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Patient management software ORION is used to monitor patient movement, patient inflow, student output and quality of patient care. All diagnostic and treatment records of the patient are uploaded in the software and can be viewed by all departments. All material consumption and departmental stock of consumable and non consumable items are in the software and requirements can be uploaded in the same. The software not only provides us long term records for comparison but also helps the institute to go paperless. Employee Management Software HR1 is used to manage salary and leaves of the employees. Login Id is generated for each employee through which they can access their leave records, apply for leaves and check the status of approval of the leaves by the higher authorities. This software also generates the salary slips for the benefit of the employees. TawkTo software The software is a chat portal through which online chatting can be done to provide college information to the students as well as their parents. It has a dedicated portal for interaction between students and teachers, teacher and parents and patients and doctors. The software is designed to solve the problems of students related to both academics as</p>				

well as hostels. Parents are provided with the information of the activities of their wards and informed about their progress. Almighty help desk all complaints regarding maintenance matters of the institution are logged to this software. The software has a time bound escalation system for unresolved complaints ascending up to the highest level of management. Clinytics software new software has been introduced in the institution to manage patients online. The system has been introduced in view of covid19 where in the patients were unable to take consultation with the doctors. The software allows for video conference between the doctor as well as the patients. The patient can take a prior appointment in the software and consult a doctor. Online public access catalogue is deployed at the central library for quick and convenient retrieval of listings of the books in the library. The user can search for books by the name of the author subject or publisher. The system provides information about the availability of the books, number of copies available and also the precise location of the book in the library. If book is already issued then details of the issue can be immediately accessed. Library automation software Alice for windows. This software is installed for effective management of the central library. Circulation of books that is book issue and return is done via software upon scanning the Identity card of the user the software and displays the user information page which is then used to issue the book the return date is also displayed. Student feedback software This is used to obtain feedback by the students. Students are instructed to give feedback regarding academics and also the problems that they face. This allows the institution to take necessary action to resolve the problem.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500

The BDS yearly curriculum follows the guidelines of Dental Council of India and additions have been made based on the feedback received from various stakeholders. The curriculum is updated every year and is divided into didactic and clinical components. The didactic part is further divided into semesters so as to focus on small time intervals and student evaluation is done for each semester. The soft copy of lectures are prepared and approved and emailed to all the students prior to the scheduled lecture date. Separate guidelines for lectures are provided to faculty to maintain a high standard. The clinical schedule is provided to the students well in advance. A clinical competency exam has been introduced so that the students can adjudge themselves regarding their clinical performance. It also provides the faculty with a feedback regarding advance learners and slow learners. The scheduling is dynamic in nature so that the students get adequate time to refine their skills in any department where they lack adequate clinical competency. The MDS curriculum is provided to the students at the start of their course and is following the prescribed guidelines. The seminars and Journal clubs are prepared on a six monthly basis so that the students are informed well in advance regarding their topics and can prepare accordingly. The postgraduates have to mail their presentations to their respective preceptors which not only ensures timely and well read preparation of the topic but also creates a record for future. The clinical work is divided into six monthly periods wherein the students are trained in simpler procedures and preclinical work and then they are exposed to more complex procedures subsequently. Overall the institution follows the guidelines of Chaudhary Charan Singh University and the DCI but has still tried to incorporate relevant procedures and courses as directed by community needs and market needs with the aim that the students should be trained in or exposed to all aspects of their chosen field.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Certificate Course in Oral Implantology	nil	23/07/2019	12	Value added for employability	Additional skills imparted for enhanced learning

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	0	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nil	nil	Nil

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	61	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Certificate course in Oral Implantology	23/07/2019	61
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BDS	Internship	97
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
<p>The college takes a feedback from the Alumni, Faculty and their peers regarding the academic curriculum. Based on these feedbacks a discussion is held and workshops and CDE programs are conducted so as to add value to the curriculum. the institution also has an online feedback system and complaint system for the students which helps to provide them proper facilities and also to appraise us regarding the difficulties faced by them. To solve any academic problems a discussion is held with the respective mentor and remedial classes are conducted with one to one interaction with the student.. Also there is an active women cell and disciplinary committee to look into any matter that may arise. Also the students are encouraged to give a feedback on a monthly basis through the mentor system and the coordinator system. The mentors report to the yearwise coordinators and these coordinators can then take independent remedial measures to solve the concerns. There are regular meetings of coordinators with the IQAC chairman and the IQAC coordinator so as to apprise them and plan the changes needed in a structured manner. feedback regarding the faculty and teaching are evaluated by the IQAC following which decisions cgan be taken and message conveyed to the concerned faculty in a confidential manner. Based on the suggestions of the patients a wide variety of facilities have been introduced which include organizing camps, providing express clinic facility, plying of college buses on particular routes for patient benefit. All the stakeholders are free to provide any kind of feedback either through online forms or through feedback boxes which are present in the campus. Feedback can also be given directly to IQAC chairman or Coordinator who review these in te IQAC meetings or the management review board meets.</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BDS	BDS	100	100	100
MDS	Conservative Dentistry and Endodontics	6	6	6
MDS	Oral and Maxillofacial Surgery	6	6	6
MDS	Oral Medicine & Radiology	3	3	3
MDS	Oral Pathology and Microbiology	3	3	3
MDS	Orthodontics and Dentofacial Orthopedics	6	6	6
MDS	Pedodontics and preventive Dentistry	6	6	6
MDS	Periodontology	6	6	6
MDS	Prosthodontics Crown and Bridge	6	6	6
MDS	Public Health Dentistry	3	3	3

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	461	124	51	Nil	109

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
111	109	21	16	16	81

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

At the undergraduate level a provision has been made for mentors to guide the students. A maximum of 10 students have been allocated to each mentor who provides academic, personal and psychological guidance to the students. there is a monthly student mentor meeting and a separate window is made in the academic calendar so as to ensure all students meet their respective mentors. in case any student wants to meet their mentor in between then they are easily accesible in their respective departments and also via telephone. the mentor makes a whatsapp group of all the students under them so as to ease the communication and get a real-time feedback for any of their concerns. The mentors are generally the junior faculty members so that they are more approachable for the students. The mentors report to the batch coordinator who in turn report to the undergraduate coordinator and the IQAC. The mentors can also report any concern directly to the various relevant committees like anti ragging , womens cell, mess committee ,hostel committee etc for early resolution of the concerns. For MDS students the guides and Co-Guides act as the mentor for the duration of their course. This helps in not only building a rapport between them but the faculty is also involved in taking care of Academic, Social and emotional needs of the students. In case of any concern the student can always access the respective heads of the departments, director Postgraduate studies or the IQAC committee members.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
585	111	1:5

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
111	111	Nil	32	Nil

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Nidhi Puri	Associate Professor	PANKOSMIA TALENTS OF Healthcare Profession Awards
2019	Dr. Nidhi Puri	Associate Professor	31st national IAOMR conference Amritsar
2020	Dr. Shivani Mathur	Professor	Best Paper at South Asian Association of Pediatric Dentistry – COVDENT 2020
2019	Dr Divya Doneria	Assistant Professor	Best Paper-41st ISPPD National conference (PedoVibes)
2019	Dr. Mallika Sethi	Professor	Indian Dental Diva Award for LASER Dental specialist of the year (Runner up) at Navi Mumbai

2019	Dr. Shubhra Vaish	Professor	Awarded with WCOI diplomate in oral implantology -at the 5 th global American academy of implant dentistry
2019	Dr Ipseeta Menon	Professor	Awarded with PhD
2019	Dr. Ritu Gupta	Associate Professor	Best Scientific paper- 24th National Conference of Indian Association of Public Health Dentistry,
2019	Dr. Gaurav Issar	Associate Professor	Best Prosthodontist by Indian Health Care excellence Award 2019,
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MDS	MDS	3	20/06/2019	04/09/2019
BDS	BDS	4	20/12/2019	12/03/2020
BDS	BDS	3	10/12/2019	02/03/2020
BDS	BDS	2	12/12/2019	17/03/2020
BDS	BDS	1	06/12/2019	02/03/2020
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous internal evaluation includes the end of semester exams for Theory and End posting exams for practical evaluation. The college has also introduced a clinical competency exam for final year BDS to evaluate their clinical work. The student appears for the examination as and when they feel confident and the examination is subdivided into various tests in the form of OSCE and OSPE and once the student has cleared the examination they can focus on other aspects of their curriculum. For theory an easy test exam has been introduced which is a monthly exam through MCQs. This is an online examination and the students have to prepare a particular subject and appear for examination at the end of which they are evaluated. From 2019 onwards the post graduation examination has also been revamped by the University and the college has followed suit. The basic sciences examination for post graduates is held at the end of first year and therefore the internal examination focusing on the subjects and preparing them for the university examination is also conducted.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The BDS academic calendar is planned at the start of the academic session which is divided into three semesters. At the end of each an internal assessment is conducted for the students. The date of these are predetermined so that the students can plan accordingly. The topics to be covered in the exams are also informed to the students. The topics for lectures are subdivided based on the number of classes required for each topic therefore the student knows beforehand as to what lecture will be conducted when and they can come prepared accordingly. Further the lectures are approved uploaded and provided to the students well in advance. The clinical schedule is provided in advance to the students and a provision is given so that the students may spend more time in clinical areas where they need improvement. The MDS curriculum is also provided to the students at the start of their course and is made for all three years. The seminar and journal clubs are prepared on a six monthly basis and it is ensured that the schedule is adhered to by the students. The library dissertation and thesis dissertation is submitted as per schedule failure of which may lead to punitive measures. The clinical work is divided as per the guidelines provided by the Dental Council of India

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://itsdentalcollege.com/annunal-quality>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Nill	MDS	Prosthodontics	7	7	100
Nill	MDS	Periodontics	7	7	100
Nill	MDS	Pediatric and Preventive dentistry	5	5	100
Nill	MDS	Orthodontics	5	5	100
Nill	MDS	Oral Pathology	1	1	100
Nill	MDS	Oral Medicine	1	1	100
Nill	MDS	Oral Surgery	4	4	100
Nill	MDS	Conservative Dentistry	6	6	100
988	BDS	Dental	89	84	93

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://itsdentalcollege.com/sites/default/files/Student%20Satisfaction%20Survey.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	ICMR	1596733	1596733
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Insight into Invisalign	Orthodontics	29/01/2020
Dentbeaute: Ameliorating your smile! By Dr Mohan	Conservative dDentistry	09/07/2020

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Millet toothbrush	Dr. Eiti agarwal	Oral Healthcare Innovation Conference AIIMS Delhi	16/09/2019	PG Student
Futuristic smart Toothbrush	Anshu Baid	Oral Healthcare Innovation Conference AIIMS Delhi	16/09/2019	UG category
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Nil	Nil	Nil	Nil	Nil	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
9000	279921	82000

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded

Nil	Nil
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3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Nil	Nil	Nil
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
No Data Entered/Not Applicable !!!	
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
No Data Entered/Not Applicable !!!						
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
No Data Entered/Not Applicable !!!						
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	54	19	69
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Amar Ujala Aparajita 100 million smiles	Amar Ujala	9	177
Outreach Activity	NSS	7	100
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Research Grants	Research fellowship	ICMR	4
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Outreach Activity	NSS	Camps	7	100
Aparajita	Amar Ujala	Dental Camps	9	177
Vijay Matrabhumi	ITS Dental College	Help during Covid times	52	354
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Research Grant	Dr Sakshi Jain	ISPPD	365
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Clinical Training	Implant Training	CWM	24/07/2019	31/07/2020	61
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
nil	Nil	nil	Nil
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development

340	326.55
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4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Newly Added
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
Alice for Window	Fully	6	2004

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	7584	7685088	148	110334	7732	7795422
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	191	1	0	2	0	0	0	50	0
Added	18	0	0	0	0	0	0	0	0
Total	209	1	0	2	0	0	0	50	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
312	316.69	498	499.42

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The maintenance, up gradation and construction of infrastructural facilities such as class rooms, laboratories, library, sports complex, hostel, auditoriums, preclinical and clinical work areas and residential complexes (Faculty residences and student hostels) is conducted by teams with designated Estate office with assigned officers. Specific maintenance teams are designated for carrying out the service and maintenance work. Each team is monitored by Supervisors for providing timely resolution of service requests. Separate supervisors are designated for various sections within the campus, i.e. Dental college Surya Hospital and residential complexes (Faculty residences, UG/PG Boys and Girls Hostels). The service requests are raised and resolved through an online portal (Almighty help desk) to enable easy and efficient resolution and follow up of concerns. The portal allows for easy access and raising the ticket for the complaint or service request. The concern is immediately assigned to the designated team automatically and a time limit of 7 days is given to resolve the concern. If it is not resolved, the complainant can redirect and escalate the service request to the higher authorities for resolution and appropriate action. A dedicated IT team is assigned for maintenance of information and technology related infrastructures such as computers, LCD projectors, smart boards in the class rooms, seminar rooms and library. A regular up gradation and maintenance of hardware and software is carried out in the institution. Free internet with Wi-Fi facility is available for all students and faculty with high speed and downloads limits. The institution has a full time in house dental mechanic for smooth functioning and timely repair of Dental chairs and equipments within the college. The clinical and preclinical work stations are periodically inspected and serviced at regular intervals. Latest, high end equipments such as CAD CAM machine, CBCT scanning machine and Deca-headed microscope, are covered under annual maintenance contract which is periodically renewed.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	College scholarship	40	208600
Financial Support from Other Sources			

a) National	Research Scholarship	4	1596733
b) International	Nil	Nil	Nil
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
How to set up and effectively run a Dental Practice	16/04/2020	341	-
Workshop on "Stress Reduction Wellness through Yoga Ayurveda" by Yogi Dr. Amrij Raj	14/10/2019	124	Yogi Adityanath foundation
Guest Lecture on Cancer Awareness	03/03/2020	120	Sh. Jagannath Cancer Hospital
No file uploaded.			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Online exam series	45	45	45	21
2019	Campus Interview	29	29	12	5
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Optum	29	12	Nil	Nil	Nil
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2020	22	BDS	BDS	Different Colleges	MDS or MPH
View File					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	45
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Inter I.T.S Fest - 2019	Intercollege	750
No file uploaded.		

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
No Data Entered/Not Applicable !!!						
View File						

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution has an elected student council responsible for planning and conducting various student related activities within the college. There is equal participation of students and representation from boys and girls from each batch within the council. The student council is involved in organizing Scientific, Cultural and Sports events within the college. The council has also been part of organizing team of IDA Student National Conferences hosted by the institution in the past. Such events involve scientific and extracurricular activities with participation of students from various dental colleges. Inter college cultural and sports fests are also organized by the student council. The student's committee also forms an editorial team for publication of college year book. They are also actively involved in hosting Alumni event every year. Outdoor activities and team building exercises such as excursions are also planned in the form of picnics and get together. The students are also part of various committees and feedback systems to improve the institutional facilities such as hostel and mess committee. The students committee is also involved in deciding the food menu quality check of the food served in the hostels.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

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5.4.2 – No. of enrolled Alumni:

954

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

Annual meet was organized at Indirapuram Habitat center where some of the alumni members were felicitated. Also Alumni lecture series is being conducted wherein an alumni member associated with academics is requested to take a guest lecture for students on any relevant topic.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

To allow the functioning of each department in a smooth, autonomous and independent manner, the practice of decentralization has been implemented. The institute has appointed Deans for Administrative, Academics and Evaluations for efficient distribution of work and decentralization. The core responsibility at the departmental level is entrusted on the Head of the department. The faculty members are given Job descriptions for the work requirements and responsibilities. The Head of the departments ensure that the designated works and responsibilities are designated as per the job description to each faculty. Monthly patient records, stock indent records, store records, revenue and expenditure records are maintained for smooth functioning and to ensure departmental accountability. The departments functions independently with aim of enhancing academic and clinical excellence. Annual Departmental Development programme is prepared and submitted by each Head of Department for infrastructural and overall development. Suggestions and feedbacks are taken from all departments in important policy decisions of the institution. Representation from each department is ensured while forming various committees to oversee the academic and other related activities of the college.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	The institute is not directly involved in the admission process but provided various facilities to aspiring candidates. Online Tawkto software for live chats is available where the candidates can resolve any queries related to admission process. They are referred to the admission cell which not only guides the candidate but is also instrumental in showcasing the institute and projecting the benefits that one can expect at our campus. Avenues for financial assistance and direction for financial process are all

	<p>taken care by the admission cell.</p>
<p>Human Resource Management</p>	<p>The institution has a humane outlook towards its employees and has a policy of a regular salary increments and added benefits to its employees. The benefits are in the form of health insurance, leaves, sabbatical, LTC, regular appraisal and awards. Teacher training modules and staff training module and regular upgradation of knowledge programs are conducted.</p> <p>Outings and get together for the faculty are planned to promote bonding between them. Separate software is present to keep track of the leaves and everyday working of the employees.</p>
<p>Research and Development</p>	<p>The institution has an in-house research facility and promotes research in association with government agencies like ICMR. The research centre is updated regularly with all the equipments required by the students and faculty. To promote the research culture at undergraduate level clinic-pathological conferences are organized every month for students doing their internship. This is a research based presentation so that the students perform a study and present their findings. Later these studies are published. Also for the postgraduate students the library dissertation has been made as a compulsory research topic. The institution also has its own journal which helps in promoting a research culture.</p>
<p>Examination and Evaluation</p>	<p>Clinical competency exam has been introduced for final year BDS students to evaluate their clinical work. The student is free to appear for the examination as and when they feel competent about any given procedure.</p> <p>The clinical competency exam is subdivided into various tabletop examinations in the form of OSCE/ OSPE to make the exam more objective and more relevant. Once the student has cleared in a particular examination they get more time to focus on other aspects of their clinical curriculum.</p> <p>This gives the student at chance to improve skills in clinical areas where they are Lagging behind. For theory an easy test exam has been introduced which is a monthly exam through MCQs. This is an online examination where the students have to appear for a</p>

	<p>particular subject and appear for the examination at the end of which the students get not only their marks but also know their position among all the students.</p>
Curriculum Development	<p>The BDS curriculum is planned at the start of the session and is divided into theoretical and clinical components. The theory part is further subdivided into semesters so that a portion of course is covered and evaluated at the end. The clinical schedule is provided well in advance and is dynamic in nature so that the students can spend more time in learning skills where they may be lagging or where they have an increased interest. Similarly the MDs curriculum is made for all three years and divided into 6 monthly semesters</p>
Teaching and Learning	<p>To Facilitate the students a more student centric approach is adopted wherein the lectures are approved uploaded and provided to the students well in advance. Specific guidelines for lectures has been provided so that a basic framework is present. The clinical schedule has adequate flexibility so that students may spend more time in clinical areas where they need more refinement. Clinical competency exam has been introduced so as to give the students a regular feedback of the clinical performance. Similarly the postgraduates have to mail their presentations to their respective preceptors and this not only helps them to prepare better for their presentation but also help in record keeping.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>The college has a policy of upgradation of its facilities and all the departments have to provide a list of books and equipments that they may require to upgrade the department. The infrastructure is regularly updated one department at a time. Most departments have been provided with express clinics to improve the working environment and provide the patients with the better clinical experience. The college also has a policy of changing 10 of old equipments to new such that all the equipments are updated every 10 years</p>
Industry Interaction / Collaboration	<p>The institution believes in a regular interaction with the private players</p>

involved in dentistry. Demonstrations of latest technological advancements are done in the college and towards this various interactive sessions with service providers are carried out. Other than this various speakers are invited to keep us up to date with the current trends and to train our faculty in the upcoming trends.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>All the stakeholders are involved in matters related to planning and development of the institution. Department wise suggestions are requested regarding new infrastructural requirements at regular intervals. Suggestions are also asked regarding the up gradation of existing equipments. All the matters are discussed in the IQAC meetings. Any new development work is also discussed in the Management review meetings. Advantages and limitations of each point are discussed in detail with all concerned departments before finalizing the decisions. Once finalized, timely implementation of the projects is done in a planned manner. Suggestions and feedbacks are taken at regular intervals for continuous improvement and up gradation.</p>
<p>Administration</p>	<p>All administrative work is managed by a dedicated Administrative and Human Resource department. There is designated software, HR-One for management of human resources. Daily patient management, material requirements and inventory management are submitted through an indigenously developed software Orion. Daily, Weekly and monthly reports can be downloaded for easy management. Maintenance and civil work related service requests are managed through Almighty helpdesk, a separate complaint management system.</p>
<p>Finance and Accounts</p>	<p>All the financial and account related matters are managed by the accounts department through various software such as HR One and Orion.</p>
<p>Student Admission and Support</p>	<p>The admissions in the institution are based on NEET examination which is a centralized examination system for admission into under graduate and post graduate courses. The institution</p>

	<p>provides support to the prospective students in the form of college information through brochures and website. A software TAWK has been developed for online support system for students and visitors on the website. The query or problems faced by students are addressed by the respective faculty within a stipulated time period.</p>
Examination	<p>The examinations are conducted as per the University guidelines. Each student is assessed through periodic internal assessment which is conducted in a fair and transparent manner following the protocol established by the University. The didactic examinations are conducted online as well as through written theory examinations. The practical and clinical examinations are conducted based on OSCE and OSPE methodology. All the evaluations are transparent and the results are uploaded online. The students, parents and the teachers have an access to the student profile. Each student's performance is assessed in periodic manner.</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
No Data Entered/Not Applicable !!!				
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						
View File						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
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No Data Entered/Not Applicable !!!

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
32	32	23	23

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Mediclaim and Accidental Policy. Leave Travel Concessions, Maternity Leaves with full Pay	ESIC coverage, Financial support for childrens school fees and for marriage, LTC	Mediclaim and accidental policy, Merit awards and scholarships, Antiragging cells and student grievance cells. Mentor system

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution conducts internal and external financial audit on an yearly basis. Internal audits are conducted by finance department of the institute and reviewed with management review committee. All the departmental stock and accounts are also audited. The external audit is conducted by M/s DC Garg and Company which conducts the official scrutiny of accounts by checking the college fees collection, bank payments and receipts , cash payments, verification of bills and payment vouchers. Auditors submit their report to the finance committee of the institute. All the recommendations suggested by the auditors in reviewed and implemented by the finance committee. The objections if any are rectified and corrective measures are implemented in subsequent audits

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
00	0	nil
No file uploaded.		

6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	nil	Yes	Internal Audit committee
Administrative	Yes	DC Garg and Company	Yes	Management Review Board

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents teachers meeting is generally held 3 times in an year and any feedback and suggestion provided is discussed by the institution. 2. Feedback is also obtained from the parents either through direct communication or through the respective academic coordinator. A suggestion page is available on the college website wherein the feedback on relevant matters is obtained. 3. Various activities in which parents are cordially invited to the institution are Convocation, Orientation programs and White coat ceremony which promotes an interaction between the parents and faculty members

6.5.3 – Development programmes for support staff (at least three)

1. CSA, Nurses and Clerks Training Program for personality development 2. Training for central sterilization protocols. 3. Training of nurses for Chair side assistance and vice versa to improve the work profile of support staff and provide additional skills.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Providing express clinics to ,most of the departments which are separate working area for the faculty and have excellent infrastructure, equipments and ambience. 2. Organization of Conferences and CDEs so as to upgrade the knowledge of faculty and students. 3. Providing centers for advanced treatments like laser clinics, Pain clinics and NO2 sedation center.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	Yes
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	workshop on stress Reduction	14/10/2019	14/10/2019	14/10/2019	124
2019	ITS fest	26/09/2019	26/09/2019	28/09/2019	450
2019	Oral Implantology Course	23/07/2019	23/07/2019	31/07/2020	61
2020	Vijay Matrabhoomi	30/04/2020	30/04/2020	30/06/2020	500
2020	Online Test Series	12/05/2020	12/05/2020	30/11/2020	86
2019	Facial Aesthetics course	25/09/2019	25/09/2019	26/09/2019	14
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
world Breastfeeding week	05/08/2019	05/08/2019	43	15
Womens Day	09/03/2020	09/03/2020	52	23
LIVE! Talk with Renowned Gynecologist, Dr Anjali Tempe on the topic Safety tips regarding problems in Adolescents and Reproductive Aged Women	27/05/2020	27/05/2020	157	Nil

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The institute has installed its solar panels so that 30 percent of the power is supplied by them. There is widespread use of LED lights in the campus so as to decrease the power consumption. the campus also has a water harvesting plant and water recycling plant which is used to water the gardens. the campus boasts of well maintained lawns and open areas with a large number of trees to maintain a healthy environment.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	18
Provision for lift	Yes	500

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	1	124	01/08/2019	365	Long Camps	Oral Hygiene and Treatment	300
2019	1	177	02/08/2019	365	Short Camps	Oral Hygiene and Treatment	300
2019	1	1	28/08/2019	1	Vocational Dental Camp	Oral Hygiene	18

2019	1	1	10/10/2019	2	World Mental Health day	Stress and related problems	54
2020	1	1	03/12/2019	1	WInternational Disability day	Oral Hygiene	21
2020	1	1	04/02/2020	1	World Cancer day	Cancer - Causes and early detection	63
No file uploaded.							

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Wisdom Nuggets	Nil	Wisdom nuggets is a handbook on human values. It is a collection of sayings and quotations by famous people and was published by CAG advertisers and is edited by our group chairman Dr. RP Chadha. The sayings give us the path to follow in our professional and personal life.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			
View File			

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solar Panels for supply of electricity 2. Use of LED lights in the campus to conserve electricity 3. Water treatment plant and recycled water is used for gardening 4. Water Harvesting in the campus to promote improvement in water table. 5. Efforts to make the campus paper free and free from nonbiodegradable plastic material
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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practicel 1. Title : Research to Practice 2. Objective of practice a. To overcome drift in communication between researchers and practitioners, and service delivery issues. b. To emphasize on scientific publications of research on intervention effectiveness. c. To deal with issues cited by public health practitioners which may be too narrowly focused, complex, difficult and costly, or may not engage or meet the perceived needs of the community. d. To introduce prevention programs which must be sustained with adequate infrastructure and long-term intensity, requiring substantial resource investment. e. To culminate with the production of an "effective action briefing". f. To overcome a research gap in the internal validity of clinical trial results. 3. The Context
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The longitudinal investigation of clinical outcomes in population-based samples is a good alternative to explore in practice-based research how individual-related variables affect dental treatments. The large samples, the long period of follow-up and the involvement of a team of researchers make cohort studies expensive to maintain on long term. Normally these studies are multidisciplinary, with several research questions. This characteristic provides access to a high number of exposure variables which is difficult to obtain in clinical prospective or retrospective studies. Generally, cohort studies assess individuals but fail to present detailed variables on dental treatments because dentists are not investigated. These studies are under risk of selection bias, as dentists invariably choose the interventions according to their judgment criteria. Some imprecision or contamination of data should also be taken in account, because patients could, for instance, visited other dental practice and undertaken other treatments, and this may not be reported in the dental records screened for research.

4. The Practice The approach to select interventions or strategies for treatment of oral conditions should be based on the best scientific evidence available. Practice-based research has several advantages when compared to research conducted in more "artificial" environments, such as in dental schools and other academic settings. It also usually deals (or should deal) with clinically relevant problems for patients and clinicians, while several academic clinical studies are reporting on surrogate endpoints. With more motivation and enthusiasm towards research bridging gap in clinical practice, we have focused our students towards grants by national government and state funding agencies like ICMR, DST, CSIR and various other senior and junior research fellowship programs. Research based clinical trials recommends practice field meetings to facilitate communication between researchers, public health practitioners, policy makers, managers and other professionals from important sectors. These groups identified strategies, policies, target populations, barriers, facilitators and funding streams for implementing development programmes.

5. Evidence of success By bridging a gap between clinical practice and research, various success outcomes have come around. As a institute by working on various research based projects in research lab and applying on patients directly by monitoring the invitro results of various different kind of materials and analyzing its effects on patients have bring successful results in the form of increasing number of national and international publications in indexed journals with high impact factor. Increased number of grants where students are getting junior research fellowship and senior research fellowships by government recognized funding agencies and getting various awards by presenting their evidence based research projects in national and international conferences organized by renowned bodies. Treatment based on research based evidences has resulted in remarkable patient outcomes.

6. Problems encountered and Resources required Cooperation among a diverse group of stakeholders—including research sponsors (industry, academia, government, nonprofit organizations, and patient advocates), clinical investigators, patients, payers, physicians, and regulators—is necessary in conducting a clinical trial today. Each stakeholder offers a different set of tools to support the essential components of a clinical trial. Time, money, personnel, materials (e.g., medical supplies), support systems (informatics as well as manpower), and a clear plan for completing the necessary steps in a trial are all part of the clinical research infrastructure. Significant time, energy, and money are spent on bringing the disparate resources for each trial together.

Best Practice 2

1. Title: Technology to promote digital transformation of higher education

2. Objectives

a. To integrate technology with student education , patient care and administration

b. Using digital media softwares to upgrade the typical classroom leading to better student -teacher interaction.

c. Use of software to efficiently streamline overall patient management in the hospital as well as its satellite centers.

d. Use of dedicated portals to interact between the various stakeholders and solve issues

transparently. e. Use of Employee Management Software to ensure transparency.

3. The Context Digital transformation of higher education is not a choice but a necessity in recent times. This transformation is required not only in the classroom but also in the management of employees, patients and parents. Our entire workforce has kept up with the digital boom in its truest sense. This has resulted in a smooth transition for all the stakeholders of the institute even during the Covid 19 pandemic.

4. The Practice The combination of technology and education is revolutionizing the way students are trained. Our institution has an extensive broadband coverage with the Cyberoam portal with individual login id and password for all the faculty, students and staff.

Incorporation of biometric attendance has led to a simplification and transparency of attendance monitoring system. The powerpoint presentations and video of clinical procedures are shared prior to the class for better understanding. Whatsapp groups are created year wise so that students can interact and share their questions or doubts. Assessment of their knowledge is conducted using the Easy test software in the simulation lab. MCQs are shared using this software in the student's respective screens and a remote was provided to choose the answer. Webinars are conducted through video conferencing using Logitech CC300E system and Skype, with accomplished faculty from other institutions.

Twak-To Software: This is a chat portal through which online chatting is done to provide college information to students as well as their parents. Patients can also communicate via this software and solve their queries pertaining to dental treatment.

Technological aids for students

Online Public Access Catalogue: An online book access system is deployed at the central library for quick and convenient retrieval of listing in the books available in the central library. The user can search for books by the name of the author, subject or publisher with precise location.

Library Automation Software- Alice For Windows: This software is installed for effective management of the central library. Circulation of books, i.e. book issue and return is done through Alice software.

EBSCO host: Our institution has subscribed to the EBSCO host for the online availability of journal articles. There is a specific user name and password which can be shared with the faculty and the students to access the online journals available in that portal.

During the Covid pandemic, various online platforms such as Zoom, Google Meet and Google Classrooms were used by the faculty and the students so that the classes and assignments could continue uninterrupted. Preclinical classes, written and viva voce examinations were also conducted to develop skills during the lockdown period using these online platforms. Multiple choice question were conducted for the interns using the Quizziz application. Online webinars were also conducted using online platforms.

Technology in Human resources management

HR One software is used to manage salary and leaves of employees. Login ID is generated for each employee for easy access and management of attendance and leave records.

Almighty Help Desk: All complaints regarding maintenance matters of the institution are lodged through this software and resolved in a time bound manner with an escalation policy for unresolved complaints.

Technology in Patient management

Orion Software: Patient management software is used extensively to improve patient care, reduce waiting times and monitor work output of the students with access to diagnostic and treatment records of all patients.

Clynitics App: Due to the ongoing Covid pandemic, we could only conduct emergency OPD services. To connect to the patients even during these unforeseen times, we have started using the Clynitics application. Online consultation, in line with Teledentistry, provides online video appointments and consultation in an accessible and affordable manner.

5 Evidence of success

The students have provided a positive feedback for powerpoint presentations and in some instances have indicated their preference for online classes for select topic. The use of MCQ based software has improved the results of the subsequent batch for competitive examinations. The orion software has proved to be a boon to obtain and compare data between various years and students. It has also

benefitted in handling long term records of patients to correlate long term follow up. The HR1 software has ensures smooth and transparent management of faculty and staff data along with their reimbursements. 6. Problems encountered and resources required The technological advancements require financial commitment. A dedicated IT lab is required. Training modules need to be given to faculty and students for the ORION, clinytics, HR one and Almighty desk applications and any new faculty needs to be trained.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The I.T.S CDSR has propelled its vision to "Curriculum development with innovations in teaching and adopting technological advancements" as a way forward. The vision has helped enormously during the unforeseen circumstances during the Covid-19 pandemic where the teaching and learning was continued using the innovative teaching methodologies. Classes were held using online video platforms, assignments were also submitted regularly using online apps such as Google classrooms. Examinations and assessments were also done using the online platforms. The institution has focused on curriculum development where the curriculum has been augmented in such a manner to prepare the students with the latest advancements in the field of dentistry. The Governing council and the academic committees work together to develop a course curriculum keeping abreast with the latest trends in the field of dentistry. The institution has also focused on keeping the course curriculum in such a manner that it meets the community needs and market trends. Focus has also been on introducing relevant courses to the students for preparing students for future. The emphasis on integrated teaching is laid from the inception of undergraduate course where collaborative topics are taught by departments with common significance. Sufficient exposure is also provided by training the students in pre clinical exercises through artificial simulation centre where conditions similar to the patients are simulated in artificial typhodont sets and students carry out preclinical exercises using magnification in the form of loupes to train them well before entering the clinics. Students can also work for extended periods after the college working hours for honing their fine skills in pre-clinical procedures. Students are also well prepared to handle the clinical scenario where they are trained to treat a patient in a comprehensive manner at the comprehensive clinics. Specialized practice management and personality development workshops are conducted to inculcate the professional behavior right from the undergraduate time. The curriculum is fortified with early induction program where the students are oriented to functioning of each department to allow ease and streamlined transition from preclinical to clinical working conditions. Students are also encouraged to adopt research practice from the initial years to inculcate evidence based and scientific approach in decision making and treatment planning. Research is also promoted by conducting various programs such as the Young Researcher Program where the students are promoted to showcase their innovative scientific ideas. Students are also encouraged to participate in various National and International conferences for sharing and learning knowledge from world renowned speakers. The institute also ensures implementation of code of ethics within the students by imparting knowledge of ethics, values and norms as per the Hippocratic oath , Helsinki and WHO declaration where truthfulness and confidentiality are promoted to promote sound doctor patient relationship. The institution has also ensured its contribution in social cause by helping the

needy during the Covid 19 pandemic by successfully running the Vijay Matrubhumi campaign as its social responsibility.

Provide the weblink of the institution

<https://itsdentalcollege.com/>

8.Future Plans of Actions for Next Academic Year

1. Starting of Head and Neck Oncology surgeries in collaboration with the Department of Oral and Maxillofacial Surgery. 2. Introduction of Implantology as an academic module at the under graduate level. 3. Setting up of Express clinics in the Department of Pedodontics and Conservative dentistry. 4. Induction of Microscope aided dentistry in the Undergraduate curriculum. 5. Setting up separate clinic for the children with special care needs in collaboration with Pedodontics Department. 6. Setting up Online consultation platform for patients. 7. Increase the Public outreach activity programs. 8. Inter disciplinary postings for postgraduates to be started. 9. Comprehensive dental clinics for undergraduates