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INSTITUTIONAL ASSESSMENT AND ACCREDITATION (Effective from July 2017)

Accreditation - (Cycle -3)

PEER TEAM REPORT ON

INSTITUTIONAL ACCREDITATION OF
RAJARAJESWARI DENTAL COLLEGE AND HOSPITAL
C-40140
Karnataka
Bengaluru
560074

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P.O. Box No. 1075, Nagarbhavi, Bengaluru - 560 072, INDIA

Section I:GENERAL INFORMATION	
1.Name & Address of the institution:	RAJARAJESWARI DENTAL COLLEGE AND HOSPITAL Bengaluru Karnataka 560074
2.Year of Establishment	1992
3.Current Academic Activities at the Institution(Numbers):	
• Faculties/Schools:	1
• Departments/Centres:	18
• Programmes/Course offered:	4
• Permanent Faculty Members:	83
• Permanent Support Staff:	180
• Students:	677
4.Three major features in the institutional Context (As perceived by the Peer Team):	1. urban self financing institution run by linguistic minority in 1992 2. affiliated to RGUHS offering dental courses 3. it has medical collage of same trust of management in the vicinity
5.Dates of visit of the Peer Team (A detailed visit schedule may be included as Annexure):	Visit Date From : 05-03-2020 Visit Date To : 06-03-2020
6.Composition of Peer Team which undertook the on site visit:	
Chairman:	Piyush Trivedi

Member Co - ordinator:	Jayaram Mailankody
Member:	Suresh Barpande
Member:	Vinay Kumar Srivastava
NAAC Co - ordinator:	Dr. Shyam Singh Inda

Section II: CRITERION WISE ANALYSIS

Observations (Strengths and/or Weaknesses) on each qualitative metrics of the key Indicator under the respective criterion (This will be a qualitative analysis of descriptive nature aimed at critical analysis presenting strength and weakness of HEI under each criteria)

<i>Criterion1 - Curricular Aspects (Key Indicator and Qualitative Metrics(QIM) in Criterion1)</i>	
<i>1.1</i>	<i>Curricular Planning and Implementation</i>
1.1.1 QIM	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.
<i>1.2</i>	<i>Academic Flexibility</i>
<i>1.3</i>	<i>Curriculum Enrichment</i>
1.3.1 QIM	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
<i>1.4</i>	<i>Feedback System</i>

Qualitative analysis of Criterion 1

1. The institute follows curriculum approved by DCI and adopted by affiliating university, Rajiv Gandhi University of Health Sciences. The institutional curriculum committee in the various disciplines has been constituted which periodically review and identify the modifications, additions and deletions to be submitted to concern board of studies. Some of the staff members are also on the board of Studies. The course curriculum is planned and notified in the time table from time to time. The institution has evaluation system which is effective through MCQs/OSPE/OSC. The curriculum is effectively delivered using various audiovisual aids and all the data are made available to the various departments through LAN connectivity. The institution also follows the evaluation system established by affiliating university. Though institution has limited academic flexibility, numbers of value added courses are also included beyond syllabus like human values, basic life support, and ethics/ Laser /CBCT/BLS/implant Program outcomes and course outcome are identified and assessed by internal assessment /university examination. Institute follows the academic calendar of affiliated university. The institution has addressed the cross cutting issues and constituted institutional level committees human values, professional ethics, gender equity, health determinants and professional ethics viz. Frequent gender sensitization programs have been organized from time to time in the form of workshops, street play etc. Curriculum is enriched with studies on Environmental and social values to create awareness. The institution also has made effective feedback system of stakeholder and recently implemented online system also.

Criterion2 - Teaching-learning and Evaluation (Key Indicator and Qualitative Metrics(QIM) in Criterion2)

2.1 *Student Enrollment and Profile*

2.2 *Catering to Student Diversity*

2.2.3 QIM	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)
2.3	<i>Teaching- Learning Process</i>
2.3.1 QIM	<p>Student-centric methods are used for enhancing learning experiences by:</p> <ul style="list-style-type: none"> • 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
2.3.3 QIM	Teachers use ICT-enabled tools for effective teaching and learning process, including online e-resources
2.3.5 QIM	The teaching learning process of the institution nurtures creativity, analytical skills and innovation among students
2.4	<i>Teacher Profile and Quality</i>
2.5	<i>Evaluation Process and Reforms</i>
2.5.1 QIM	The Institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation and ensures that it is robust and transparent
2.5.2 QIM	Mechanism to deal with examination related grievances is transparent, time-bound and efficient
2.5.3 QIM	Reforms in the process and procedure in the conduct of evaluation/examination; including Continuous Internal Assessment to improve the examination system.
2.6	<i>Student Performance and Learning Outcomes</i>

2.6.1 QIM	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
2.6.3 QIM	The teaching learning and assessment processes of the Institution are aligned with the stated learning outcomes.
2.6.4 QIM	Presence and periodicity of parent-teachers meetings, remedial measures undertaken and outcome analysis
2.7	<i>Student Satisfaction Survey</i>

Qualitative analysis of Criterion 2

1. The institute follows the admission policies and procedures as laid down by government of India and the state government from time to time. Student diversity is observed among the student with students outside the Karnataka state and some students from overseas with more than 70 % students are female.

Institution has established protocol to identify the talents and understand aptitude of individual students which allow them to organize special programs and activity such as students clubs, cultural activity, sports and personality development along with special coaching for language to cater the patients needs . Slow and fast learners are identified and accordingly necessary steps are initiated to address the issues.

Students centric methods are used for improving learning experience of the students by ICT tools.The learning resources have also been enriched with e-resources with DVDs, some online lectures. Participatory/ evidenced based /project based /self directed learning to improve creativity and enhance analytical skills and to introduced innovative practices among the students.

The institute maintains the cadre ratio and academic qualification as per DCI norms and has active participation of preclinical faculties of sister medical college. Some of the teachers have PhD and, additional fellowships and diploma.

The institution follows academic calendar of the Rajiv Gandhi University of Health Sciences and a transparent internal assessment is put in place. A grievance cell related to examination has also been established which timely & efficiently address the issues.

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Learning objective & outcome of the courses have been framed as per provision of regulatory body and are conveyed to the students from time to time and documented. The assessment of learning outcomes are based on outpatient teaching are done subject wise. The Parent Teachers meeting organizes periodically to identify the issues concerns to their wards. Remedial measures and counseling have been ensured to address the issues.

Student satisfaction survey is carried out by students feedback mechanism which includes various aspects of teaching learning and other activities and accordingly the necessary steps has been initiated to address them.

***Criterion3 - Research, Innovations and Extension
(Key Indicator and Qualitative Metrics(QIM) in Criterion3)***

3.1	<i>Resource Mobilization for Research</i>
3.2	<i>Innovation Ecosystem</i>
3.2.1 QIM	Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge
3.3	<i>Research Publications and Awards</i>
3.4	<i>Extension Activities</i>

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

Qualitative analysis of Criterion 3

1. The institute is an approved research center of affiliating university. The research committee has been formulated which promotes research and innovations. Research papers appeared in Pubmed indexed journal. Some of the patents have been awarded and institution also applied for more Indian patents. Research grants have been received from Rajiv Gandhi University of Health Sciences. The institute is also running PhD Programs and a few students are also registered. The budget provision for the research has also been made. The funds for the research have also been mobilized from RGUHS and a industry. Some of the sophisticated instruments like CBCT, laser, CAD CAM, PCR and fluorescent microscope have been procured.

Students and teachers have received some awards. Faculties have also contributed to book chapters and published some books. The NSS unit activity of institute organizes programs like Swachh Bharat Health, hygiene awareness, blood donation camp, tree plantations and camps for dental health care. The students are also exposed to rural population through various activities to improve dental health and to create social awareness. Institution is also Collaborated with Indian Red Cross society, Karnataka's cancer society and NGOs. The incubation centre of the institute is also registered.

Criterion4 - Infrastructure and Learning Resources (Key Indicator and Qualitative Metrics(QIM) in Criterion4)	
4.1	<i>Physical Facilities</i>
4.1.1 QIM	The institution has adequate facilities for teaching - learning. viz., classrooms, laboratories, computing equipment, etc
4.1.2 QIM	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
4.1.3 QIM	Availability and adequacy of general campus facilities and overall ambience
4.2	<i>Clinical, Equipment and Laboratory Learning Resources</i>
4.2.1 QIM	Teaching Hospital, equipment, clinical teaching-learning and laboratory facilities are as stipulated by the respective Regulatory Bodies
4.3	<i>Library as a Learning Resource</i>
4.3.1 QIM	Library is automated using Integrated Library Management System (ILMS)
4.3.2 QIM	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
4.3.5 QIM	In-person and remote access usage of library and the learner sessions/library usage programmes organized for the teachers and students
4.4	<i>IT Infrastructure</i>
4.4.2 QIM	Institution frequently updates its IT facilities and computer availability for students including Wi-Fi
4.5	<i>Maintenance of Campus Infrastructure</i>

4.5.2
QIM

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

Qualitative analysis of Criterion 4

1. The institution has adequate infra structure facilities viz. ICT enabled class rooms ,demonstration room, seminar halls, clinical learning facilities and well equipped laboratories and skill labs. Adequate space has been made available for library with sufficient number of text and reference book, along with printed journals and e-journals. Library is also automated library management software.

The institution has outdoor sports facilities and has also equipped gymnasium. Gymnasium is also made provision for Yoga activity. Cultural activities are carried out in auditorium. The instruments are maintained periodically.

The overall ambience of the institute creates academic environment. The teaching hospital is equipped with adequate numbers of dental chairs and equipments for teaching learning and laboratory facilities are adequate as per DCI norms. Library is automated and uses RFID enabled process. The institute has HELNET through RGHUS which has remote access to students and faculty . Some E books and online books are also made available.

The institution campus is wifi enabled. Drinking water purification and sewage purification plants are put in place. Necessary arrangement has been made for rainwater harvesting, solar water heater system have also been installed on the roof top of the hostel. Radiology and imaging lab are established. Safety measures have been made for biomedical and hazardous waste disposal. Minor OT with relevant facilities are also available. The patients records are digitized and on LAN and are available to all the department online.

The institution has also adequate power backup facility supported by Generator for uninterrupted power supply. Adequate IT facilities for students and teachers have been created with wifi enabled campus. The students have also has access to MOOCs, swayam. The institution has established a separate a maintenance cell for civil, electrical, IT related activity and records are maintained Equipment and instruments are maintained and calibrated periodically. The infrastructural facilities have been maintained through established procedures and systems are put in place.

***Criterion5 - Student Support and Progression
(Key Indicator and Qualitative Metrics(QIM) in Criterion5)***

5.1	<i>Student Support</i>
5.1.4 QIM	The Institution has an active international student cell to facilitate study in India program etc.,
5.2	<i>Student Progression</i>
5.3	<i>Student Participation and Activities</i>
5.3.2 QIM	Presence of a Student Council, its activities related to student welfare and student representation in academic & administrative bodies/ committees of the Institution
5.4	<i>Alumni Engagement</i>
5.4.1 QIM	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.

Qualitative analysis of Criterion 5

Institution has international student cell which facilitate student to study in India. It also helps student in obtaining visa and bank related issues and residential arrangement. Mostly the passed out students are engaged in private practice or employed in dental hospitals. Some of the students have also opted for higher studied and few are serving abroad. The student council is formed and is active. It is actively involved in student related issues particularly student welfares. There is representation of students in various committees. They actively participate in academic and administrative committees of the institution. The alumni association is registered and their meetings are organized twice a year. The alumni also participate and contribute by sharing its experience with students. It is also involved in planning development of the institute by sharing their ideas. The student's representatives also are involved in student's grievance cell. Alumni representations of students are also observed in women's grievance cell. The proceeding of such meeting also recorded. The feedback of alumni also conducted annually to note gaps in subject knowledge in the field and academics and appropriate actions are accordingly taken. The alumni association also supports the students for their placements. It also donates books, Journals etc.

**Criterion6 - Governance, Leadership and Management
(Key Indicator and Qualitative Metrics(QIM) in Criterion6)**

6.1	<i>Institutional Vision and Leadership</i>
6.1.1 QIM	The Institution has clearly stated vision and mission which are reflected in its academic and administrative governance.
6.1.2 QIM	Effective leadership is reflected in various institutional practices such as decentralization and participative management.
6.2	<i>Strategy Development and Deployment</i>
6.2.1 QIM	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
6.3	<i>Faculty Empowerment Strategies</i>
6.3.1 QIM	The institution has effective welfare measures for teaching and non-teaching staff
6.3.5 QIM	Institution has Performance Appraisal System for teaching and non-teaching staff
6.4	<i>Financial Management and Resource Mobilization</i>
6.4.1 QIM	Institutional strategies for mobilisation of funds and the optimal utilisation of resources
6.4.2 QIM	Institution conducts internal and external financial audits regularly
6.5	<i>Internal Quality Assurance System</i>
6.5.1 QIM	Instituion has a streamlined Internal Quality Assurance Mechanism

Qualitative analysis of Criterion 6

1. The institution has vision & mission is well documented. The vision statements have intension to excel in dental health education with patient care and research in the desired areas. It also clarifies to promote understanding in the areas of behavioral & clinical sciences to prepare the future a team of specialist in dental science. It also clarifies concerns for social economic and cultural groups. The mission statements clarify to cater needs of education, patient care, research and innovation, skill and evidenced based competency for effective dental care and inculcate culture of research and innovation. The institution have decentralized and participative practice with respect to academic and administrative autonomy. Non-teaching representation is recorded in the various committees. The meetings of such committees are organized on the regular basis. The organization structure is well defined headed by the academic heads/principal and involves various stakeholders in effective functioning. The governing council is put in place and has framed the various committees for effective functioning. IQAC cell has been formed and has representation of various departments. Day to day monitoring of various activities is carried out by Deans and committees. It is also observed that the recommendations of the various committees have led to effective strategic planning for the development. The procedures and protocols have been set up for monitoring of the various departments, purchases, and stores maintenance securities, preclinical and clinical departments. Institution also provides opportunity for research & leadership for teachers and students. The accidental group insurance for faculties and students exist. It also provides contributory fund scheme for participation in the seminars and conferences, encouragement of the faculty to joined PhD program. Institute also facilitates and supports students to join PhD Program. Free medical and dental facilities are also extended to staffs and their dependents. The institutional funds are mainly mobilized as fees and OPD charges. The funds are managed as per plan for deployment for strategic development for infrastructure including building and lab facilities (equipment's and instruments) It has also made financial provisions for consumables and student welfare activities.

The service rule and the performance appraisal system for teaching and non-teaching staff for the purpose of increments and promotions exist. It has also made provisions for leave rules.

**Criterion7 - Institutional Values and Best Practices
(Key Indicator and Qualitative Metrics(QIM) in Criterion7)**

7.1	<i>Institutional Values and Social Responsibilities</i>
7.1.2 QIM	Measures initiated by the institution for the promotion of gender equity during the last five years.
7.1.4 QIM	Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within 500 words) <ul style="list-style-type: none"> • Solid waste management • Liquid waste management • Biomedical waste management • E-waste management • Waste recycling system • Hazardous chemicals and radioactive waste management
7.1.8 QIM	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).
7.1.10 QIM	The Institution celebrates / organizes national and international commemorative days, events and festivals
7.2	<i>Best Practices</i>
7.2.1 QIM	Describe two Institutional Best Practices as per the NAAC format provided in the Manual
7.3	<i>Institutional Distinctiveness</i>
7.3.1 QIM	Portray the performance of the Institution in one area distinctive to its priority and thrust within 500 words

Qualitative analysis of Criterion 7

1. The institution adheres to social responsibilities. It has initiated measures for gender equity. The female staff plays a major administrative role. The female staff and student ratio is about more than 70%. The various programs have been organized for gender sensitivity and to promote equal opportunity for women. Various activities including health and hygiene of women, Beti Bachao, cancer awareness, defense awareness, play areas for the children are organized. Vishaka committee recommendations are also implemented. A surveillance cell system is also put in place as a security measure. The segregation of waste is done and the measures have been taken for solid, liquid, hazardous chemicals and biomedical waste management has been done. STP treatment plan exist. Water is recycled suitable measures are also taken for plastic and disposal of biomedical waste as composting plant in the medical college of the management. Green energy initiated to promote this solar water heating system, changes of electrification by LED lights and a proper system for rain water harvesting. It also organizes and celebrates commemorative day and events and festivals. The efforts have been made to the harmony considering the cultural and regional concerns. The festivals of all religions are celebrated. Important days i.e. Republic day, Independence Day, Mahatma Gandhi day and teacher's day are celebrated.

The institutions has established the best practices and well equipped satellite dental and medical clinic in the nearby area serving the rural population and with exposure to the interns and students clinical culture of servicing rural population.

It has also observed as that the institution is training the students with the schemes for life support system, implants and exposure to sophisticated advanced dental equipment like CBCT, lasers and CAD/CAM. The institution has a strategic plan for effective implementation of to train the students and staff in the areas of dentistry. It has also facilitated promotion of Indian education abroad. The measures have been taken to promote the issues. It is also intended a concern for social cause particularly service to nearby areas for dental health care and also for tobacco cessation. ICT supported

patient record is maintained to promote research in Clinical areas. An effort has been made for promotion of research in dentistry and collaborative research with the medical college of the management.

Criterion8 - Dental Part
(Key Indicator and Qualitative Metrics(QIM) in Criterion8)

8.1	Dental Indicator
8.1.2 QIM	The Institution ensures adequate training for students in pre-clinical skills
8.1.4 QIM	Orientation / Foundation courses practiced in the institution for students entering the college / clinics / internship:
8.1.8 QIM	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
8.1.10 QIM	The College has adopted methods to define and implement Dental graduate attributes with a system of evaluation of attainment of such attributes.
8.1.12 QIM	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.

Qualitative analysis of Criterion 8

The admission to the under graduate program is based on NEET score with NEET score of about 200 whereas national mean NEET score is 40. The under graduate and post graduate students are exposed to preclinical skills concerned to hospital procedures and communications. As per the DCI norms, the infection control protocols during the clinical posting are followed. The sterile supplies to the various departments, personal protective equipment, and fumigation clinical areas and immunization of the caregivers is insured. The orientation programs for newly admitted students, white coat ceremony, workshops for patients care and internship orientation programs are organized. The students are also trained for use of equipment like CBCT, CAD CAM, dental Laser unit, florescent microcopy and IHC. The institution also provides training for implant training, geriatric clinic and tobacco cessation clinics etc. The numbers of teachers have acquired additional qualification in last five years. The clinical competency assessment has been done by objective method as prescribed by DCI. All the students of first year are provided with the immunization against Hepatitis B during the clinical practice. The graduates' attributes are defined and follow the requirements of dental graduates. Generic schemes are also enriched professionalism, knowledge, patient care as per requirement of dental profession system and society are also in place. Adequate Provision of expenditure on dental materials and consumables has been made. Faculty development programs are organized from time to time for emerging trends in dentistry. The number of teachers also participates in seminars, symposium and workshops for updating their knowledge

Section III: OVERALL ANALYSIS (based on Institutional strengths, Weaknesses, Opportunities & Challenges (SWOC) (up to 500 words))

Overall Analysis

Institutional Strengths

- Well Located on the Bengaluru- Mysore Highway, accessible to both urban and rural patients.
- Adequate number of clinical teaching material, including patients.
- Exposure to advanced Dental equipments.
- Full-Fledged Medical College of the same trust in the vicinity.
- Dedicated teachers with low attrition rate.
- ICT and evidence based teaching-learning.
- Able to attract students from diverse backgrounds, outside the state and abroad.
- Satellite Center and well-equipped mobile Dental van.
- Maintenance of Electronic Patient records

Institutional Weakness

- Space restraint for further expansion
- Unable to attract extra-mural research grants, from National and international agencies.
- Unfilled seats in some PG courses, and Ph.D program.
- Laboratory Diagnostic facilities.
- Limited scholarship/freeship for meritorious students

Institutional Opportunities:

- Wider collaborations.
- Interdisciplinary research projects
- Optimal utilization of research infra-structure.
- NABH accreditation

Institutional Challenges:

- Motivate UG research projects.
- Indexing of the college journal in PubMed/Medline.

Attraction of students for PG and Ph.D programs.

- Curriculum revision.
- Interdisciplinary and Twinning Programs.
- Mobilizations of funds from Government and other agencies

Section IV: Recommendations for Quality Enhancement of the Institution

(Please limit to ten major ones and use telegraphic language)

(It is not necessary to indicate all the ten bullets)

- • Enhance the quantity and quality of research projects and publications.
- • Research project funding from national/international agencies
- • Constitute scholarship/feeship for meritorious students
- • Patent facilitating cell for IPR related issues
- • NABH and NABL approval
- • Alumni activity to be strengthened
- • Enhance the practical utility of IQAC.
- • Student and faculty exchange program within and outside India
- • Need to fill vacant seats in PG/Ph.D, Certificate courses.

I have gone through the observations of the Peer Team as mentioned in this report

Signature of the Head of the Institution
Seal of the Institution

Signature of the Peer Team Members:

Sl.No	Name		Signature with date
1	Piyush Trivedi	Chairperson	
2	Jayaram Mailankody	Member Co-ordinator	
3	Suresh Barpande	Member	
4	Vinay Kumar Srivastava	Member	

5

Dr. Shyam Singh Inda

NAAC Co-ordinator

Place:

Date