



## 3.2.1

### *The Institution has created an ecosystem for innovations including Incubation Centre and other initiatives for creation and transfer of knowledge*

Yogita Dental College and Hospital, (Khed) Ratnagiri considers itself as a premier teaching, learning and research institute.

- The institution encourages students to pursue research activities under the guidance of registered Institutional Ethics Committee (IEC Reg no.EC/NEW/INST/2022/2512).
- The Institute has a robust infrastructure for research facilitating the students with high end research materials and specialized equipment like stereomicroscopes, OPG machine, implant kits, and lasers.
- The faculty has been well trained in basic research methodology (more than 50 staff members) and advanced research methodology (3 members) to provide guidance to the students in their endeavors.
- The institute has 11 functional MOUs that enable collaborations with external laboratories like Praj Metallurgical Laboratory well as medical colleges and research centers for enabling research activities for undergraduates, post graduates, and faculty.
- Seven workshops and seminars have been conducted for the students on topics such as intellectual property rights, systematic review etc.
- The Institutional Review Board (IRB) is active to ensure timely submission of research completion reports. This will lead on to publications of the research projects in Indexed journals.
- The undergraduate as well as postgraduate students are encouraged to pursue funding for their research projects from the university research department



# SHIVTEJ AROGYA SEVA SANSTHA'S



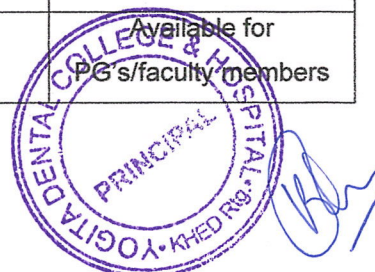
## YOGITA DENTAL COLLEGE AND HOSPITAL

REGD.NO.MAH/F/-1588/RATNAGIRI

(Recognized by Dental Council of India, New Delhi & Affiliated to Maharashtra University of Health Science, Nashik)

### High-end sophisticated instruments facility available for Research in Incubation Centre are as follows

Sr.No	Facility available	Department	Functioning
1.	Ceramic Furnace	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
2.	Induction casting machine	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
3.	Steriomicroscope	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
4.	Milling machine	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
5.	Pindex System	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
6.	Burnout Furnace	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
7.	Die cutting machine	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
8.	Pressure Moluding machine	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
9.	Sandblaster	Prosthodontics (Ceramic Lab)	Available for UG's/PG's/faculty members
10.	Intra-oral camera	Prosthodontics (PG Department)	Available for PG's/faculty members





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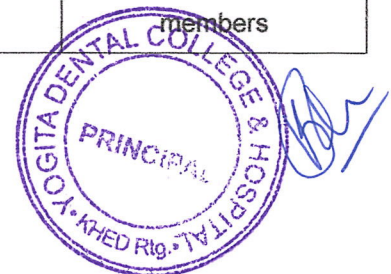


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11.	Equinox implant placement surgical kit	Prosthodontics (PG Department)	Available for PG's/faculty members
12.	Dentium implant placement surgical kit	Prosthodontics (PG Department)	Available for PG's/faculty members
13.	Dentium implant retrieval kit	Prosthodontics (PG Department)	Available for PG's/faculty members
14.	Endomicroscope	Conservative Dentistry	Available for PG's/faculty members
15.	Bleaching unit	Conservative Dentistry	Available for UG's/PG's/faculty members
16.	Light curing unit	Conservative Dentistry	Available for PG's/faculty members
17.	Microscope	Microbiology	Available for UG's/PG's/faculty members
18.	Incubator	Microbiology	Available for UG's/PG's/faculty members
19.	Soldering unit	Orthodontics	Available for UG's/PG's/faculty members
20.	Vaccum / Pressure moulding unit	Orthodontics	Available for UG's/PG's/faculty members
21.	Welder	Orthodontics	Available for UG's/PG's/faculty members
22.	Electropolisher	Orthodontics	Available for UG's/PG's/faculty members
23.	Vacuum Mixer	Orthodontics	Available for UG's/PG's/faculty members



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24.	LASER	Periodontics	Available for UG's/PG's/faculty members
25.	OPG Machine	Oral Medicine ,Diagnosis and Radiology	Available for UG's/PG's/faculty members

There is extensive utilisation of above facilities by postgraduates, undergraduates and faculty members to carry out research .The details of the research carried out by postgraduates is enlisted below.



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### Vision and Mission Statements of Incubation Centre

The Yogita Dental College and Hospital, Khed considers itself a premier institution that has created an ecosystem for innovation including incubation center and other initiatives for creation and transfer of knowledge.

#### ❖ **Vision Statement of Yogita Dental College and Hospital management**

- To create a culture where creativity and innovation are stimulated by Intellectual Property & Innovation for the benefit of all for promoting advancement in science and technology, arts and culture, traditional knowledge and biodiversity resources.

#### ❖ **Mission Statement of Yogita Dental College and Hospital management**

- To foster creativity and innovation and thereby, promote entrepreneurship and enhance socio-economic development, improve access to healthcare, food security and environmental protection, among other sectors of vital social, economic and technological importance for the benefit of India and society at large.







### **3.2 Innovation Ecosystem**

**3.2.1. The institution has created an ecosystem for innovation including incubation center and other initiatives for creation and transfer of knowledge.**

#### **VISION STATEMENT**

To create a culture where creativity and innovation are stimulated by Intellectual Property & Innovation for the benefit of all for promoting advancement in science and technology, arts and culture, traditional knowledge and biodiversity resources.

#### **MISSION STATEMENT**

To foster creativity and innovation and thereby, promote entrepreneurship and enhance socio-economic development, improve access to healthcare, food security and environmental protection, among other sectors of vital social, economic and technological importance for the benefit of India and society at large.

#### **FOR WHOM IS THIS MEANT?**

This initiatives will covers all staff, faculty members, students and also persons engaged in academic schemes and projects, from Colleges/ Institutes under the ambit of YDCH ,KHEDand any other initiatives of the Institute as well as visiting scientists/professors/personnel who participate in the research work being carried out at the College/ Institute under YDCH, Khed with its prior approval.

**All the Academic units under Yogita Dental College ,Khed are working together tirelessly for the development of high tech state of the art Incubation Center, which will work as an Incubator for the promotion of Innovation, Incubation & Enterprenurship.**

Yogita Dental college management encourages and provides free hand to undergraduates ,post graduates and faculty members to utilise Incubation centre equipments available for carrying out research projects.

