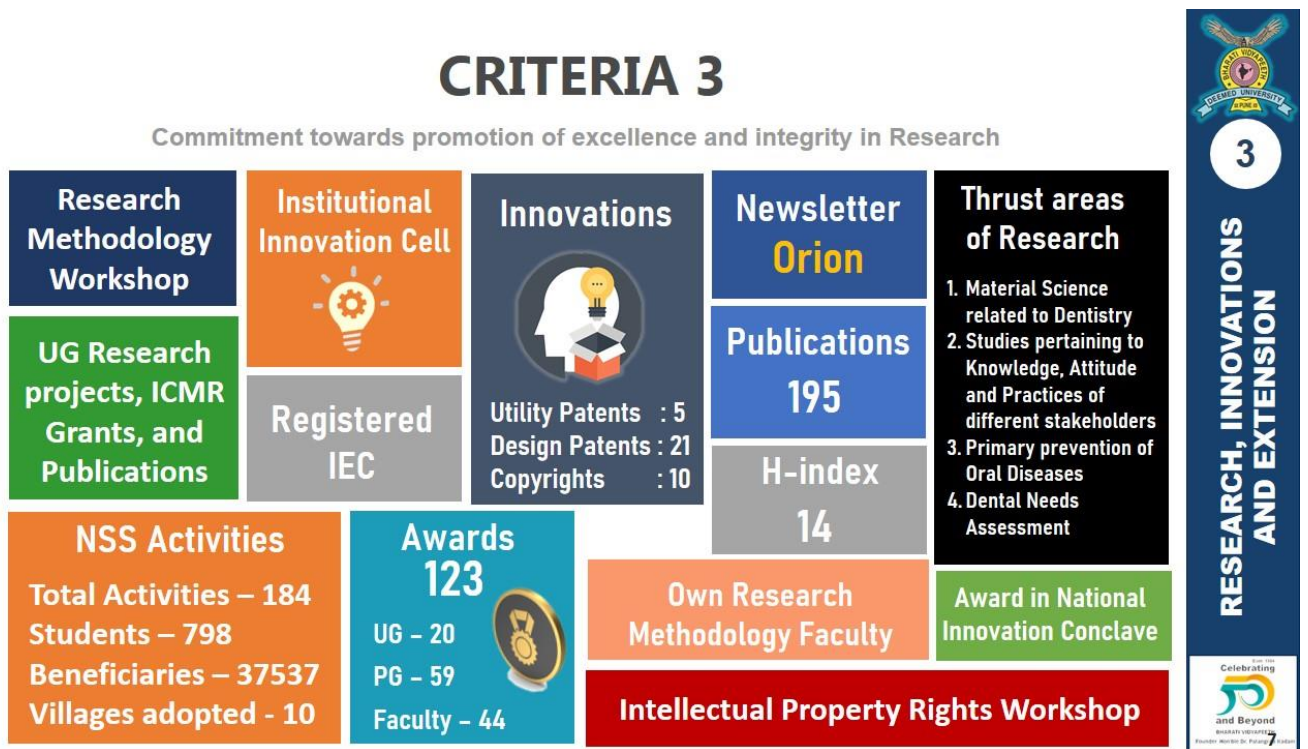


Criteria 3: Research, Innovations, and Extensions

Bharati Vidyapeeth Dental College and Hospital fosters a culture of **research and innovation**, encouraging both students and faculty to engage in cutting-edge research projects. With strong support for **faculty development, collaborations, and community outreach programs**, we strive to contribute to the advancement of dental sciences and address societal health challenges.

Importance: Promoting research and innovation helps in keeping the institution at the forefront of scientific discoveries, contributing to the growth of knowledge while addressing real-world health problems.



Research and innovation form the cornerstone of academic excellence at Bharati Vidyapeeth Dental College and Hospital. We are committed to nurturing a research culture that encourages students and faculty to pursue new ideas, address real-world challenges, and contribute to the advancement of dental sciences.

1. Research Methodology Workshops: We regularly organize comprehensive workshops on research methodology, equipping our students and faculty with the necessary tools and techniques for conducting high-quality research. These workshops cover a wide array of topics, including research design, data collection, statistical analysis, and scientific writing, enabling participants to develop a robust foundation in research practices.

Commitment to Research Ecosystem and Ethos

- Our own Research Methodology Faculty
- Research Policy of University
- Research Methodology Workshop
- Intellectual Property Rights Workshop
- Institutional Innovation Cell – Brainstorming
- Registered Institutional Ethical Committee



35



2. Institutional Innovation Cell: Our Institutional Innovation Cell serves as a hub for creativity, providing a platform for students and faculty to explore innovative solutions to contemporary challenges in dentistry. By fostering a spirit of innovation, we encourage the development of novel ideas and technologies that have the potential to revolutionize dental practices.

INNOVATION CONCLAVE



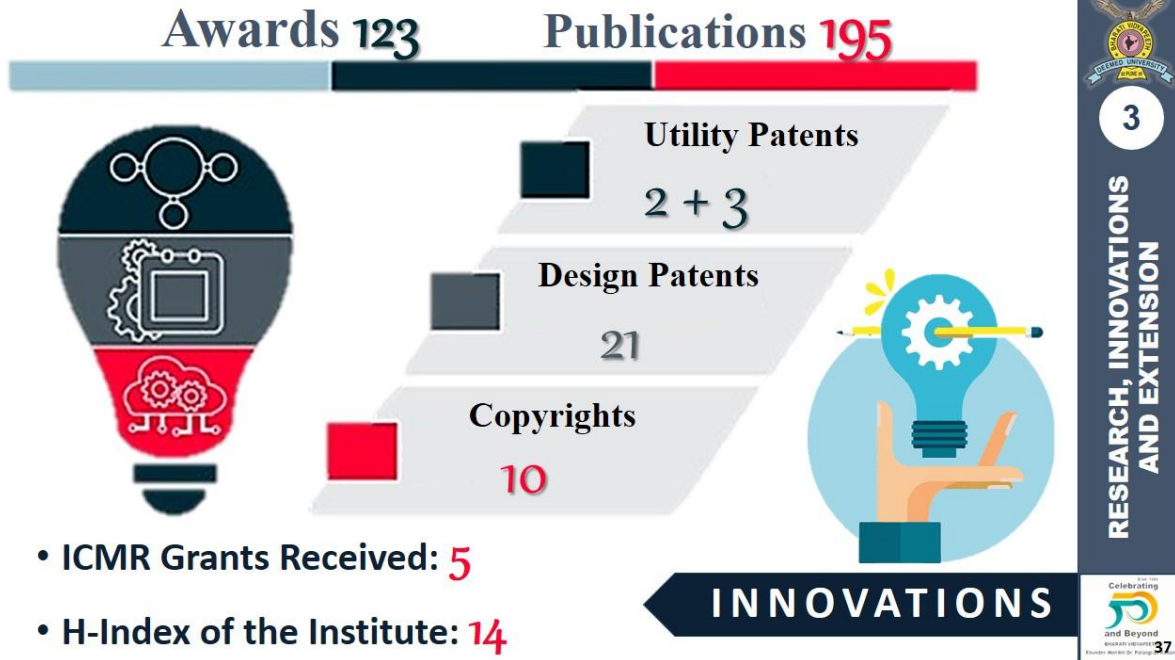
3. UG Research Projects, ICMR Grants, and Publications: We take pride in our students' active involvement in research projects funded by prestigious grants, such as those from the Indian Council of Medical Research (ICMR). These projects provide invaluable opportunities for undergraduate students to gain hands-on research experience, contributing to published studies that add to the body of knowledge in dental sciences.

LECTURE ON RESEARCH GRANTS



4. Registered Institutional Ethics Committee (IEC): To ensure that all research activities meet the highest ethical standards, we have a registered Institutional Ethics Committee that oversees and reviews research projects, ensuring the protection of participants and maintaining the integrity of our research endeavors.

5. Innovations and Patents: We strongly encourage a culture of innovation, leading to significant achievements in the form of utility patents (5), design patents (21), and copyrights (10). These accomplishments reflect our commitment to developing innovative solutions and technologies that can impact dental care and treatment methodologies.



6. Newsletter – Orion: Our quarterly research newsletter, "Orion," serves as a platform to showcase the research achievements, innovations, and ongoing projects at our institution. It provides an opportunity for our students and faculty to share their findings with a broader audience, fostering a culture of knowledge-sharing and collaboration.

NEWSLETTER OF THE COLLEGE

ORION
The Official Newsletter of
Bharati Vidyapeeth (Deemed To Be University)
Dental College & Hospital, Navi Mumbai

EXPLORE YOUR SCIENTIFIC SIDE
In the Sciences, the authority of thousands of opinions is not worth as much as one tiny spark of reason in an individual man.
-GALILEO GALILEI

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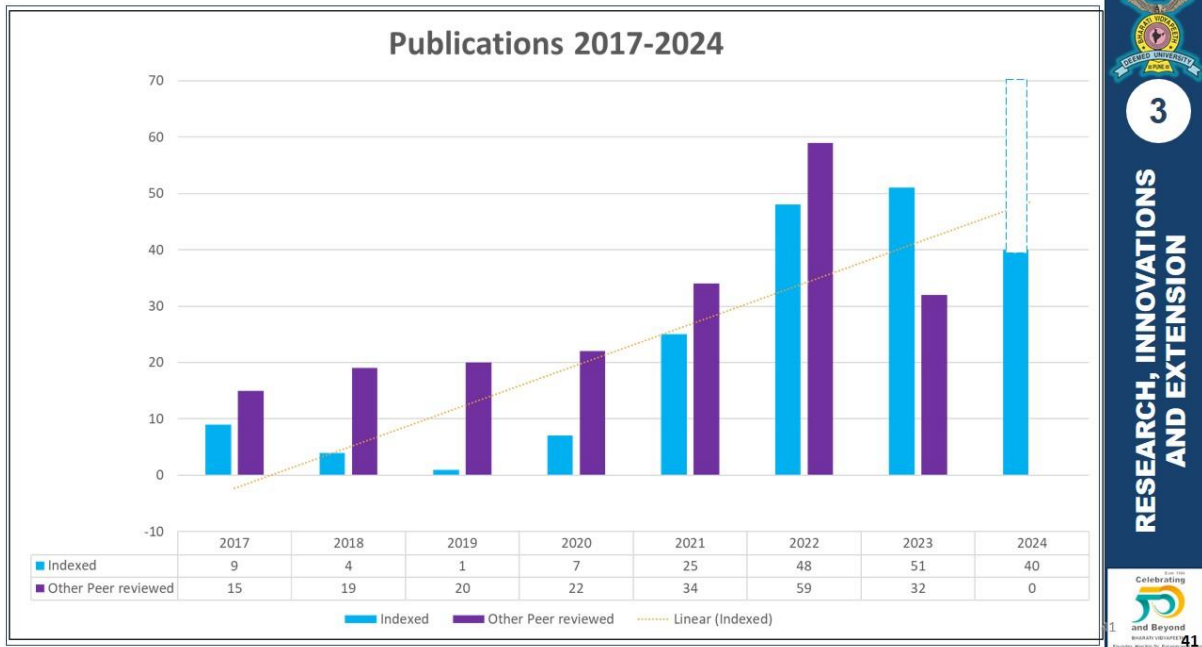
Announcement of Commendations in the Newsletter

RESEARCH, INNOVATIONS AND EXTENSION

3

Celebrating 37 and Beyond

7. Publications and H-index: With over 195 publications and an impressive H-index of 14, our institution is making a significant impact in the field of dental research. These publications reflect the quality and relevance of the research conducted at our college, contributing to the advancement of dental sciences both nationally and internationally.



8. Thrust Areas of Research: Our research initiatives are focused on key areas that address the most pressing challenges in dentistry, including:

- Material Science related to Dentistry: Investigating the properties and applications of materials used in dental procedures.
- Studies on Knowledge, Attitude, and Practices of Stakeholders: Exploring the behaviors and perceptions of patients, practitioners, and other stakeholders.
- Primary Prevention of Oral Diseases: Developing preventive strategies to reduce the incidence of oral health issues.
- Dental Needs Assessment: Understanding the dental health requirements of various communities to provide targeted solutions.

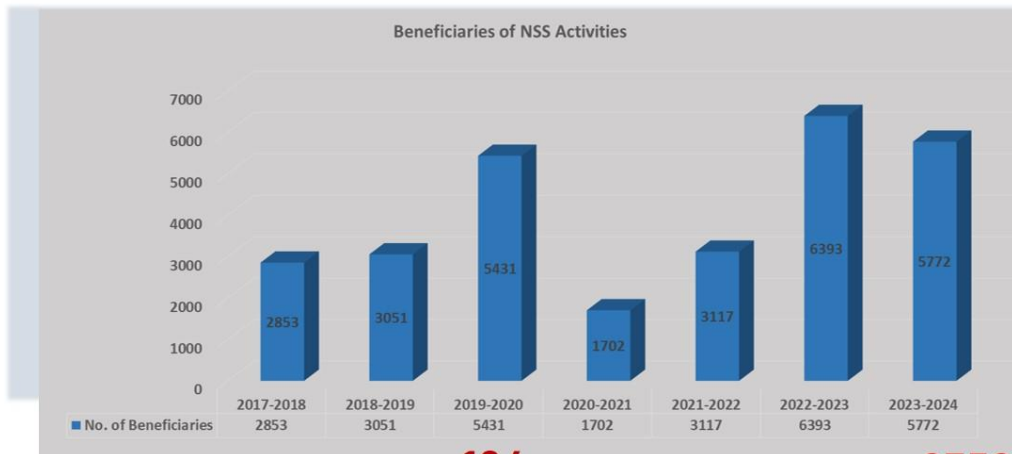
ROTARACT CLUB

Total Beneficiaries- **56408**

9. NSS Activities and Community Outreach: Our active National Service Scheme (NSS) unit is involved in a range of community outreach activities, including:

- Total Activities: 184
- Students Involved: 798
- Beneficiaries: Over 37,537
- Villages Adopted: 10

NATIONAL SERVICE SCHEME ACTIVITIES



Total activities - 184

Total Beneficiaries- 37537

Students participating - 798

Villages adopted - 10



INSTITUTIONAL SOCIAL RESPONSIBILITY

DENTAL CAMPS
at rural, semi-urban and urban areas in and around Navi Mumbai


Year	No. of Camps	Beneficiaries	Students
2017-2018	49	3202	240
2018-2019	45	3146	225
2019-2020	17	1791	85
2020-2021	9	493	45
2021-2022	25	1162	125
2022-2023	67	22771	335
2023-Present	61	3095	300
Total	273	35660	1355



These activities not only benefit the communities we serve but also provide our students with invaluable hands-on experience in delivering dental care to diverse populations.


10. Awards and Recognitions: Our commitment to excellence in research has been recognized through numerous awards, with a total of 123 awards won by our students and faculty (UG: 20, PG: 59, Faculty: 44). These accolades reflect the high standards of research and innovation at our institution.


STUDENT AWARDS



Total Number of Scientific Awards over 5 years


UG	20
PG	59
Teachers	44
Total	123





3

RESEARCH, INNOVATIONS
AND EXTENSION



3

RESEARCH, INNOVATIONS
AND EXTENSION

11. Intellectual Property Rights (IPR) Workshop: To foster an understanding of intellectual property rights and the importance of protecting one's innovations, we conduct regular workshops that guide students and faculty in navigating the complexities of IPR.