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INSTITUTE OF DENTAL SCIENCES

(Recognised by Dental Council of India
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Constituent Unit of Malwanchal University, Indore



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

Experiential learning

Integrated/Inter-disciplinary learning

Participatory learning

Problem-solving methodologies

Self-directed learning

Patient-centric and Evidence-based learning

The Humanities

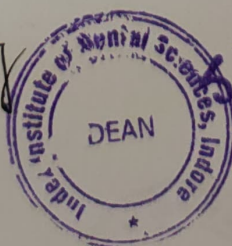
Project-based learning-Role play

Student centric methods are used for enhanced learning experience.

Experiential learning

Experiential learning is an engaged learning process whereby students "learn by doing" and by reflecting on the experience

Undergraduate and Postgraduate students are imparted training on models (example: suturing techniques, incision techniques, cavity preparations, tooth carvings etc.), by means of this the students learn on models first and then improvise their pre-clinical practice on typodonts before starting to work on patients. This gives an upper edge to the students as it boosts their confidence in better performing certain complex procedures under the supervision of their seniors and faculty members.



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Integrated/Inter-disciplinary learning

Integrative learning is the process of making connections among concepts and experiences so that information and skills can be applied to novel and complex issues or challenges. (Research activities, Dissertation, Journal Clubs)

Postgraduate students in their first year of joining PG training programs are encouraged to choose a topic of their choice for dissertation, emphasizing on clinical topics. Such dissertation helps promote the sense of research and innovation amongst the students.

Participatory learning

Participatory methods include: games, role plays, experimentation, discussion, inquiry based, problem-solving, projects, debate, and case studies.

Interdisciplinary learning enables teachers and learners to make connections across learning through exploring clear and relevant links across the curriculum (Endo-Perio, Ortho-Perio, Prosthodontics-Perio)

Problem-solving methodologies and Case discussions, helps conduction of healthy and constructive debate that eventually helps in improvising the knowledge base.

Quiz is an important part in participatory learning, as this promotes a sense of collectiveness amongst all the participants to engage them to the idea as effectively as possible. It also ignites their mind to think beyond boundaries.



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Self-directed learning

Free internet access in the library and wi-fi facilities in campus promotes the habit of self learning and discussion and helps in developing behavior of Self directed learner.

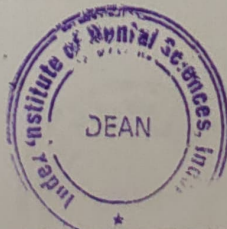
Patient-centric and Evidence-based learning

Journal Clubs, Case Discussions helps students to learn by means of knowledge enrichment using various cross referencing material of national and international origin.

E-library facilities are provided to students at central library (Dental College) and at all department levels for students to upgrade their knowledge base so that new and advanced information can be added and old information can be updated with cross-reference material.

The Humanities

Working for the society / community welfare such as community health care programs that are organized from time to time (example: Oral Hygiene Day, World Oral Health Day, National Periodontists Day etc.), by means of such programs the student is able to better understand the needs of the society



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Journal clubs/scientific literature conduction also helps to improve the quality of life because with this the postgraduate student is able to reciprocate the evidence based literature from around the world and this makes them conceptualize their learning outcomes better and to formulate the treatment plans as per the latest evidence.

Dental Awareness and treatment camps are also a part of this, wherein the student mixes himself/herself with the society and comprehends its basic nuances.

Project-based learning

Project-based learning (PBL) or project-based instruction is an instructional approach designed to give students the opportunity to develop knowledge and skills through engaging projects set around challenges and problems they may face in the real world.

Various posters and charts are allotted to group of students posted in the department, which they prepare after thoroughly understanding the basic requirements of the topic. These posters/charts can range from classification, advanced topics like Dental implants and instrumentations.

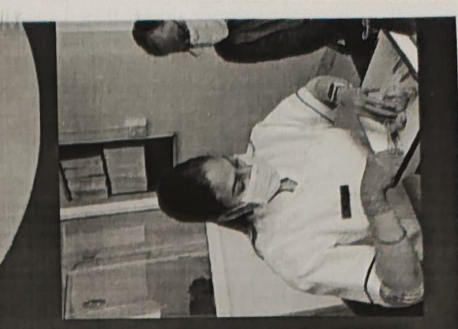
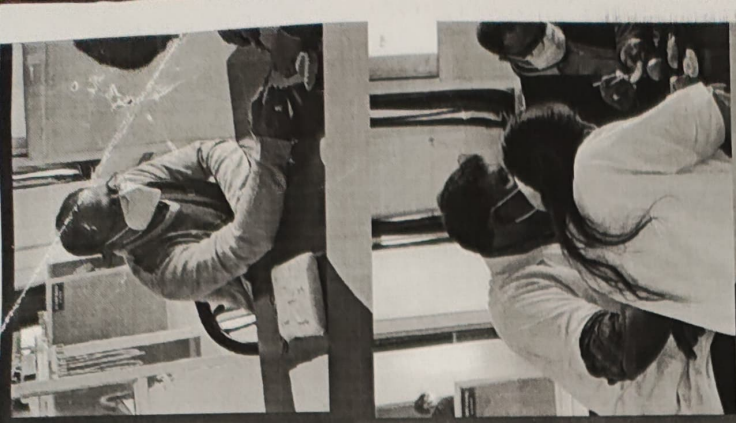
Role play

Role plays help the junior students to learn from their seniors and staff members. This helps them to grow as competent individuals and since they are imparted training and this knowledge sharing is by different members of staff, therefore they get to learn and acquire diversified knowledge.

During dental camps they take up the role of health care promoters and impart their learned outcomes in the form of awareness to the community leaders and people.



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STUDENT CENTRIC METHODS



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