

## **Innovations in teaching and learning**

Pedodontics is a discipline which demands lot of analytical skills, technical expertise and intuitive understanding. The use of conventional teaching learning pedagogy limits producing high quality biotechnologist. The proposed pilot study, aims at incorporating innovative methods in teaching learning pedagogy such as collaborative learning, peer learning, technology enabled learning and participative learning strategies for students with different learning styles. The impact of employing the innovative methods are assessed using students feedback, course end survey and assessment results. A significant improvement in the student performance claims the effectiveness of proposed techniques to improve the in-depth understanding, employability rate and knowledge level of budding pedodontists.

Pre Clinical Orthodontic, Conservative and Endodontic Exercises are conducted for undergraduate students involving fabrication of removable habit breaking appliances on ideal casts, making of various types of cavity preparations on extracted teeth or typhodonts and full procedure of root canal treatment on extracted teeth or typhodonts.

Various Pre-clinical exercises are performed by post-graduate students as well. Which involve sectioning of teeth primary and permanent both, basic wire bending exercises like UVloops, lamp posts etc. orthodontics removable and fixed appliance fabrication, fabrication of various removable and fixed oral habit braking appliances, OOral surgery suture types and arch bar fixations on ideal casts and cloth, etc.