Background: Termination of the mandibular canal is called the mental foramen. During surgical procedures and during anaesthesia in the mandibular region, identification of the correct position of mental foramen is important to prevent any trauma to vessels and nerve. **Materials and Methods:** The study was conducted on 100 digital panoramic radiographs. These radiographs were collected from the Department of Oral Medicine and Radiology, Government Dental College, Srinagar. The position of mental foramen was recorded by Anshumen et al., **Results:** It was observed that in 42% right and 41% left sides of individuals mental foramen was in line with second premolar. Between first and second premolars, 26% right and 31% left sides. Between second premolar and first molar 20% right and 17% left sides. Mental foramen in line with mesio buccal root of first molar 8% right and 6% left sides. 4% right and 5% left sides in line with first premolar and none was seen anterior to first premolar. **Conclusion:** The knowledge of the position of the mental foramen is very important for surgeries. Careful identification of mental foramen can help in giving successful anaesthesia to the patient. **Keywords:** mandibular canal, anaesthesia, radiographs, patient, Mental foramen.
were drawn parallel to long axis of mandibular canine, premolars and molars.

Fig 1: Mental foramen at position 2

Fig 2: Mental foramen at position 3

Fig 3: Mental foramen at position 4

Fig 4: Mental foramen at position 5

Fig 5: Mental foramen at position 6

RESULTS
We conducted our work on 100 panoramic radiographs and observed that in 42% right and 41% left sides of individuals mental foramen was in line with second premolar. Between first and second premolars, 26% right and 31% left sides. Between second premolar and first molar, 20% right and 17% left sides. Mental foramen in line with mesio buccal root of first molar 8% right and 6% left sides. 4% right and 5% left sides in line with first premolar and none was seen anterior to first premolar.

DISCUSSION
To provide better anaesthesia and prevent injury to mental neurovascular bundle, the knowledge of exact position of mental foramen is important. Oral panoramic radiographs are of great significance for the location of mental foramen. Mental foramen position may show variations because of ethnic and racial discrimination [6]. The position of the mental foramen is found almost symmetrical between right and left sides of mandible [7].
While performing surgeries, mental foramen position is important. Knowledge of its position can prevent mishaps.

**CONCLUSION**

The knowledge of the position of the mental foramen is very important for surgeries. Careful identification of mental foramen can help in giving successful anaesthesia to the patient.

**Conflicts of interests:** None.

**REFERENCES**


