

## Report

### “Psychometric Scaling – Applications and limitations” – Guest lecture

An **inter-collegiate** guest lecture on “Psychometric Scaling- Applications and limitations” was organized by the **Psychology forum of Institute of forensic Science, Mumbai on 8<sup>th</sup> August 2018, in room no. 2** of the institution. The workshop was organized by **Asst. Prof. and HOD Bhagyashree Kulkarni**. The main topics covered in the session were different types of scaling & interval scales, choosing the right statistic, interpreting scores, z-score percentile etc. Along with a **total no of 92 students**, faculties of IFSC; **Prof. Fayth D'silva, Prof. Adv. Nithin Deshmukh, Prof. Gaikwad, Prof. Milind Meshram, Prof. Fatangare (HOD, Physics department), Prof. Santhosh Lohkare (HOD, Chemistry department)** etc also attended the lecture.

**Dr. Vilas Padhye, the Associate Professor and head of the Department of Psychology from Elphinstone College was the speaker of the lecture.** He started the lecture by a detailed explanation of definition of psychology.

He introduced different types of scaling used in psychometric testing, which are **Nominal scale, Ordinal scale, Interval scale and ratio scale**. He also explained how and where these scales can be used. He explained about Quincunx invented by Sir Francis Galton, which is used to demonstrate the central limit theorem, in particular the normal distribution. And also explained how the **z-score** can be used in psychometric analysis.

The lecture was helpful to the students, mainly in understanding different types of scaling especially how interval scale is used in psychology and how parametric statistics is used.

The lecture was **anchored by Akhil Chandrasekhar** and the chief guest introduction was given by **Didhithi Godavarikar**. The session was concluded by vote of thanks given by **Sidhi**

**Kuperkar** followed by **National Anthem**. The photography of the whole session was done by **Shrutee Chavan** and the report was written by **Sandra Rajesh**.



