

Dr.Ambedkar College, Nagpur  
Department of Statistics

Guest Lecture by Asst. Professor Sanjay Agrawal (20<sup>th</sup> February,2018)

The Statistical Society of Dr. Ambedkar College organised a guest lecture as a part of its annual programme plan. Mr. Sanjay Agrawal, Assistant Professor, Department of Preventive Social Medicine, Indira Gandhi Medical College, Nagpur was invited to deliver guest lecture on “Application of Statistics in Medical Sciences. Mr. R. V. Patil, Head Department of Statistics gave introductory remarks. The guest speaker was introduced by Ms. Dhanashree Brahmkar a student of B.Sc. final. Mr. Agrawal explained in brief the contribution of Statistics, a subject which is a part of community medicine in medical sciences. He gave guidelines to students for identification of research problems and framing of thesis. He further explained importance of identifying population suitable for selecting a sample. He stressed the importance of selection of suitable sampling method so that the sample represents population. He was particular about determination of sample size and collection of data. He then shared with students the importance of statistical analysis to draw valid conclusion. He also discussed at length research project on ‘Obesity- A risk factor for hypertension’ and a research project on ‘Estimation of Hemoglobin Level among Pregnant Women of a Community’. Large part of his talk was focused on ‘Application of Statistics in Clinical Trials’. He suggested students to perceive career data analytics to become data scientist as there is huge demand for such jobs in pharmaceutical companies. At the end of his talk, he posed some problems in real life and asked the students about statistical techniques to be used for solving them.

The programme was compeered by Ms. Dhanashree Brahmkar and the vote of thanks was proposed by Mr. Anvay Bahadure. The programme was well attended and appreciated by students and staff members of Department of Statistics.



Ms. Dhanashree Brahmkar introducing guest.



Ms. Badar extending floral welcome



Guest speaker interacting with students



Guest speaker delivering his talk