

MALLA REDDY COLLEGE OF ENGINEERING & TECHNOLOGY **(Autonomous Institution – UGC, Govt. of India)**

Sponsored by CMR Educational Society

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INNOVATIVE CLASSROOM TEACHING

2023-24



FASTEST FINGER TIPS

Department of Computer Science and Engineering

Name of the Activity : Fastest Finger Tips

Academic Year : 2023-24

Topic : PSQT

In a recent study based on under graduate students while learning Probability and Statistics, students tend to make several errors:

- they look for key words and apply what they believe to be the corresponding operation.
- they strive to use all numerical pieces of information given in the problem, and go through their list of formulas to see which can accommodate all of them (without distinguishing between relevant or irrelevant information)
- they imitate the problem-solving procedure of a superficially similar problem (treating the act of throwing different-colored dice the same as that of throwing dice of the same color -- only because "the problem involves dice anyway, and didn't we already tackle dice in class?").
- they regress to the "brute-force approach" -- enumerating all possible cases and manually counting each one, especially when the question involves combinatorics (this of course defeats the purpose of learning probability rules).

The challenge in teaching introductory statistics and probability courses is to find ways to engage students more in the learning process. The hope is that the outcomes of such engagement will result in a deeper understanding of the fundamental ideas of statistics.

In this context, we introduce a class room activity “**Fastest Finger Tips**” where the students are given questions and asked to assess the problem and find possible solution and method to solve problem.

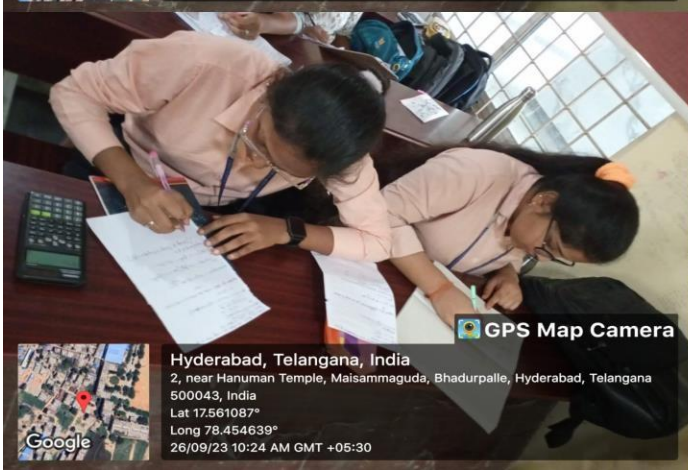
Course outcomes :

1. To inspire knowledge across different areas in Statistics and Actuarial Science.
2. To equip our students with good quality to appear for competitive examinations.
3. To make the students to understand the needs of Statistics and Actuarial Science in Science ,Technology and various industries like manufacturing, construction, insurance, IT, etc.
4. To inculcate research atmosphere among students by assigning projects.

Details of Activity:

Sl.No	Class	Section	Faculty	Date
1	II/I	A	Mr. Shiva Kumar	23/09/23
2	II/I	B	Dr. S. Shanti	25/09/23
3	II/I	C	Mr. Ravi Kumar	23/09/23
4	II/I	D	Mr. Sunil Kumar	23/09/23

II A



IIB



IIC



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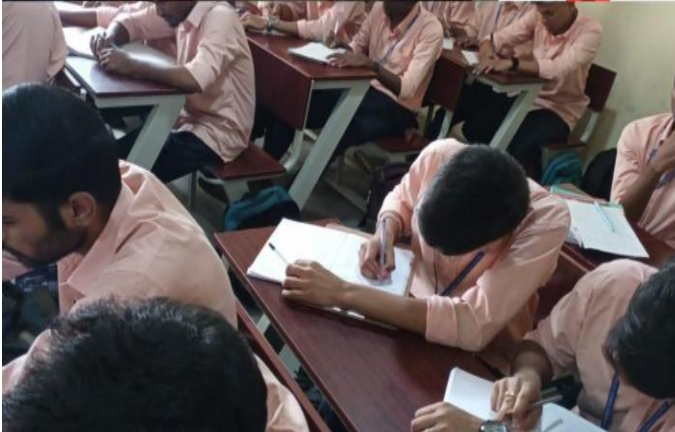


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II D



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