G.P.PORWAL ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE

SINDAGI-586128
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DEPARTMENT OF MATHEMATICS

PROJECT WORK

Name :- SHOBHA S B & JYOTI R M

SUBJECT :- Mathematics

MODEL NAME :- Applications of trignomentry

Class :- B.SC

SEMESTER :- 3rd sem

Reg. no :- U15NB21S0113 & S0115

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Applications of Trigonometry

Trigonometry has been used in a variety of fields throught history, including architectu -re, theoretical physics, and surveying. it can be used for a veriety of things. including:
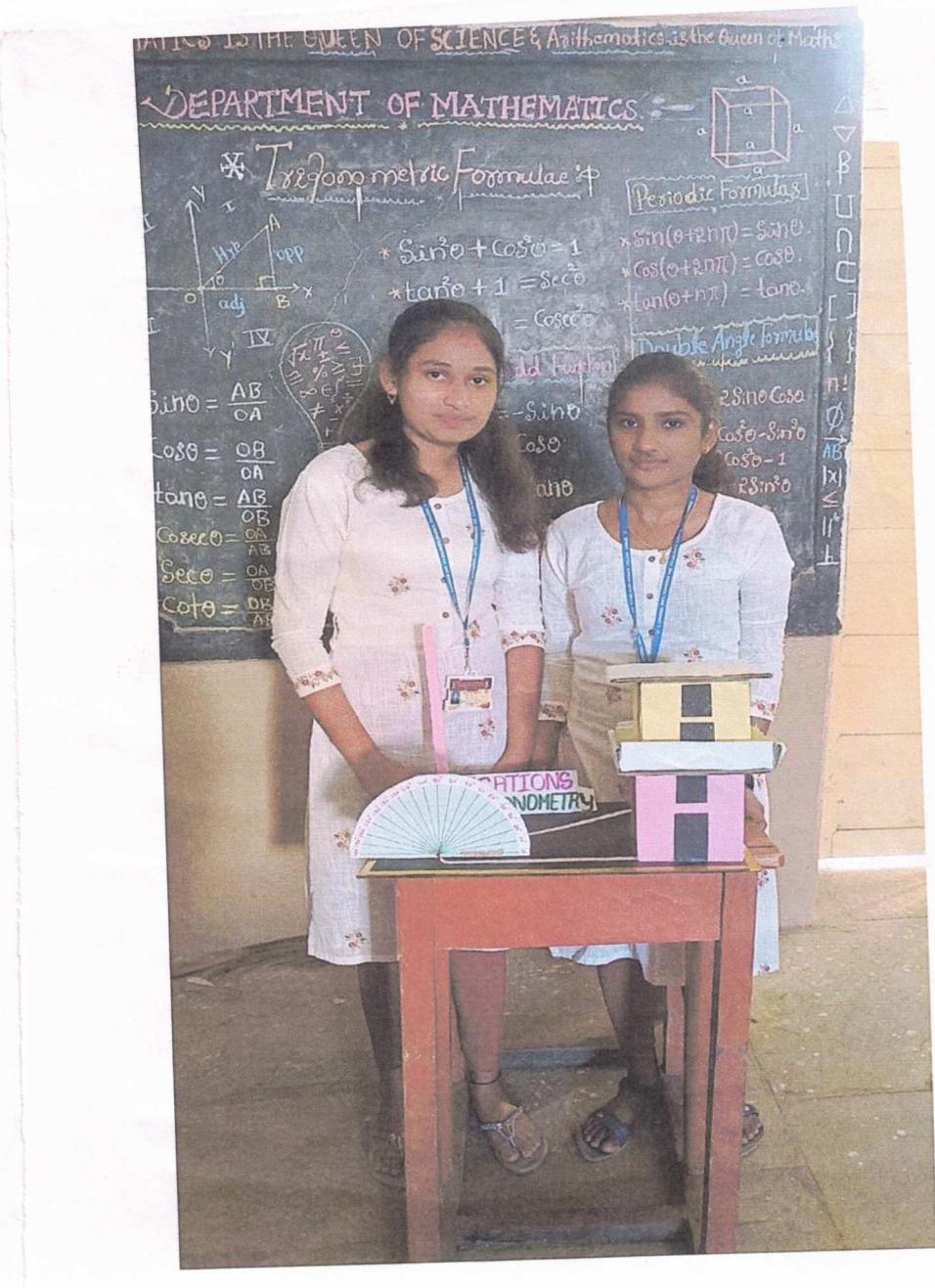
* Oceanography, seismology, meteoralogy, acoustics, navigation, electronics, and many other subjects are among them.

* It may also be used to determine the length of lengthy rivers, measures the height of a mountain, and so on.

* solar, lunar, and stellar locations have all been calculated using spherical trigonometry.

Real-Life of Applications of Trigonometry

Many real-life examples are used frequently in trigonometry. Let's use an example to better understand trigonometry. A young boy stands beside a tree. 'How tall is the tree? he wonders as he looks up al it.
The tree's height can be determined without

- having to measure it. A right-angled triangle, or one with one of the angles equal to 90°, is that we have there. If the distance b/w the tree and the boy, as well as the angle produced when the tree is viewed from the ground, trigonometric, formulas can be used to compute the tree's height.

APPLICATION OF TRIGNOMETRY