



S.P.V.V.S.S
G.P.PORWAL ARTS COMMERCE AND V V
SALIMATH SCIENCE COLLEGE SINDAGI –
586128

Dist: Vijayapura

State: Karnataka


DEPARTMENT OF MATHEMATICS


PROJECT WORK


This is to certify that students of B. Sc I SEM participated in Mathematics **Project work** on Mathematics Day 2022-23. Model on Aryabhata Life History _____ satisfactorily completed their work under my supervision at our college under Rani Chennamma University Belagavi.

Participated Students

Pavitra Yaragal
Sumitra Goundi


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ARYABHATA



ARYABHATA:

Aryabhata was an Indian mathematician and astronomer of the classical age of Indian mathematics and Indian astronomy. He flourished in the Gupta period and produced work such as the Aryabhatiya, and Arya-siddhanta.

The place value system first seen in the third century Bakhshali manuscript, was clearly placed in his work. Aryabhata also discovered zero. Aryabhat also gave the approximation π . Aryabhata worked on the approximation for π and may have to conclusion that π is irrational. In ganitapada 6, Aryabhata gave the area of triangle as "tribhujasya phalasarisam samadala koti bhujadhaya - mvargab".

Aryabhata correctly insisted that the earth rotates about its axis daily, and that the apparent movement of the stars is a relative motion caused by the rotation of the earth.

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