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ARITHMETIC CONCEPTS IN KANAKKATIKARAM THROUGH TRANSLATION

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Abstract:

The Kanakkatikaram reveals an extensive legacy of Indigenous Mathematical knowledge, demonstrating the profound integration of Arithmetic into the social and economic fabric of medieval Tamil culture. The tasks, which are all encoded in beautiful Tamil culture. The tasks, which are all encoded in beautiful Tamil verse, involve learners in real-life scenarios such as surveying land, calculating crop the shares, allocating pay and answering time-based riddles. They are by no means theoretical or abstract. These puzzles enhance logical reasoning, proportionate thinking and cultural literacy in addition to teach computation. Kanakkatikaram shows that information does not have to imported or elite in order to be rigorous and profound. This is achieved by integrating Mathematics into everyday situations and utilizing, local units and metaphors.

Keywords: Number System, Tamil Literature Poem, Kanakkatikaram.

ISBN 978-819871344-5



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