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CONTENT ANALYSIS OF LOWER SECONDARY CLASS BIOLOGY TEXTBOOKS OF TELANGANA STATE FOR SCIENTISTS' CONTRIBUTION AND ACADEMIC STANDARD 'APPRECIATION'

A. Ramakrishna & N. Rama Devi

Professor, Department of Education, Osmania University, Hyderabad, Telangana, India

Professor, Department of Computer Science & Engineering, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana State, India

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ABSTRACT

Case method, real world or authentic contexts besides laboratory and museum play a significant role in developing scientific appreciation. The principles of field based experiences and nature study can be utilized for scientific understanding, a basis for appreciating the nature as well as the scientist's ingenuity. This study highlighted the academic standards, the content analysis for scientific contributions and teaching-learning strategies to develop scientific appreciation. The content analysis of lower secondary biology textbooks for scientists' contribution revealed bias for the presentation of the concept 'diversity in living organisms' and 'coordination' with the maximum citations. Thus, teachers should have passion for science teaching and scientific inquiry skills for developing them in their students.

KEYWORDS: *Appreciation, Lower Secondary Class, Academic Standard, Scientists' Contribution*