

## **Relationship of Blood Glucose Levels with some Anthropometric, Behavioural and Socio-economic Factors in Reddis of Andhra Pradesh**

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**ABSTRACT** Data on the distribution of blood glucose levels and associated factors of non insulin dependent diabetes mellitus (NIDDM) such as blood pressure, obesity and social factors were collected randomly from 55 male individuals of Reddis of Tirupati town of Andhra Pradesh. The results showed that 14.4 percent of subjects were diabetic and other were normal. The glucose levels showed positive relationship with age, TE ration, systolic blood pressure and diastolic blood pressure, but in case of other variables inconsistent relationship was observed. Low glucose levels were noticed in non-smoking, non-alcoholic, low physically active, inbred individuals and having no family history of NIDDM than the others. In conclusion, from the results of the present study indicate that some of the variables under study were influencing glucose levels and may in turn lead to the development of NIDDM.