The thesis “NOVEL DRUG POTENTIALS FROM MORINGA PTERYGOSPERMA” comprises of the isolation and structural elucidation of chemical constituents from the flowers and stem bark of Moringa pterygosperma.

The subject matter of this thesis has been divided into three chapters. The chapter-I is introductory and includes the status of the field and the related plants.

Chapter-II includes the isolation and structural elucidation of a flavonoids derivatives of Moringa pterygosperma (flower part).

Chapter-III incorporates the separation and structural studies of steroids and phenolic acid from the stem bark of Moringa pterygosperma.

The phytochemistry concerned five organic compound have been isolated and identified.

The entire work presented in this thesis has been done by the author in the natural products laboratory, Department of chemistry, Govt. E. Raghvendra Rao Post Graduate Science College, Bilsapur (C.G.) India.

Rohit Kumar Bargah