



A Novel Synthesis of Some Pyranopyrazoles Derivatives

**Alphonsus D'Souza* Agnes Sylvia D'Souza, M. Ceyana,
I. Umme Hani, C. P. Nikhil and Bibi Rabiya**

Department of Chemistry, St.Philomenas College (Autonomous), Mysuru-570015, **INDIA**
Email: alphonsus71@gmail.com

Accepted on 20th March, 2023

ABSTRACT

Synthesis of Non-aqueous biocatalytic synthesis of pyranopyrazoles via one-pot Knoevenagel condensation–Michael-type addition heterocyclization cascade conventional methods like green synthesis. Compounds were synthesized properly. NMR and mass spectroscopy gave good results of the compounds All the compounds were synthesized according to the procedure by varying different aldehydes but we obtained good yield in a nitro substituent when compared to other substituents. All compounds gave promising yields according to the literature.

Keywords: Aldehydes, Hydrazine hydrate, Mass spectroscopy, Aldehydes, NMR
