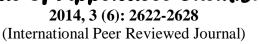
Available online at www.joac.info

ISSN: 2278-1862



## Journal of Applicable Chemistry





## Novel Studies of 30M Metal Salts on the Self Condensation of Cyclic Ketones

## Barun Kumar Mehta<sup>1</sup>, N. Chandra Sekhar<sup>2</sup>, Dandela Rambabu<sup>3</sup>, Kazumichi Yanagisawa<sup>4</sup>, Hiyoshizo Kotsuki<sup>5</sup> and Mandava Venkata Basaveswara Rao<sup>2</sup>\*

1. Department of Chemistry, National Defence Academy, Khadakwasla, Pune-411023, Maharashtra, INDIA

2. Department of Chemistry, Krishna University, Machilipatnam-521001, A. P, INDIA

3. Department of Chemistry and the National Institute for Biotechnology in the Negev,

Ben-Gurion University of the Negev, Be'er-Sheva 84105, **ISRAEL** 

4. Research Laboratory of Hydrothermal Chemistry, Faculty of Science, Kochi University, Akebono-cho, Kochi 780-8520, JAPAN

5. Laboratory of Natural Products Synthesis, Faculty of Science, Kochi University, Akebono-cho, Kochi 780-8520, JAPAN

Email: professormandava@gmail.com, vbrmandava@yahoo.com

Accepted on 24<sup>th</sup> November 2014

## ABSTRACT

A new and effective method was developed for the self-condensation of cyclic ketones in presence of 30M metal salts under hydrothermal conditions.

Keywords: Self-condensation, cyclic ketones, metal salts.