

International J. of Math. Sci. & Engg. Appls. (IJMSEA)
ISSN 0973-9424, Vol. 8 No. III (May, 2014), pp. 61-66

SOME IDENTITIES INVOLVING k -LUCAS POLYNOMIAL

DEEPIKA JHALA¹, G. P. S. RATHORE² AND BIJENDRA SINGH³

^{1,3} School of Studies in Mathematics,
Vikram University, Ujjain (India)

² College of Horticulture, Mandsaur (M.P.), India

Abstract

The Fibonacci sequence is well known and widely investigated sequence. The Fibonacci and Lucas sequence have enjoyed a rich history. In this paper we defined k -Lucas number and k -Lucas polynomial and obtained some identities for the k -Lucas polynomial.