INSPEM WEEKLY SEMINAR

UPM UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

Date & Time

2nd February 2018, Friday @ 3.15 pm

Venue

Al-Farabi Seminar Room, Second Floor, INSPEM

Presenter

Prof. Dr. Arjun K. Rathie
Visiting Scientist
Laboratory of Cryptography, Analysis and Structure

Topic

A NOTE ON HYPERGEOMETRIC SERIES WITH APPLICATIONS

Abstract

A NOTE ON HYPERGEOMETRIC SERIES WITH APPLICATIONS

In this seminar, I aim to demonstrate how one can obtain very quickly the interesting summations due to Ramanujan and Leibnitz via Hypergeometric series approach. In addition to this an elementary definite integral will be evaluated with the help of hypergeometric summation theorem. In the end, we shall discuss the generalizations of the results.