

1145-VB-2474      **Deepak Basyal\*** (deepak.basyal@uwc.edu). *Napier, Todhunter and Nayaraj Pant: A discussion on 'The Rules of Circular Parts'*.

The so called 'Rules of Circular Parts' related to Spherical Trigonometry were published by John Napier (1550-1617), the inventor of logarithms, in his book *Mirifici Logarithmorum Canonis Descriptio* (A Description of the Wonderful Law of Logarithms). Isaac Todhunter in his book *Spherical Trigonometry* (1886) claimed that these rules were first published by Napier in 1614. Nayaraj Pant in his book *Prachina Ganita ra Navina Ganita ko Tulana* (Comparison of Ancient and Modern Mathematics) published in 1982 claims that these rules of circular parts were already developed by Bhaskaracharya in 1150 in his book *Siddhanta Siromani* (Crown of treatises). This presentation will revolve around this phenomenal historical discussion on 'The Rules of Circular Parts'. (Received September 25, 2018)