1114-35-307   **Lokenath Debnath***, 1201 West University Drive, Edinburg, TX 78539. *Some model equations of nonlinear water waves with applications.*

Some model equations of nonlinear water waves will be presented with examples and applications to oceans dynamics. Some properties of the solutions of these will be discussed. Reference: Nonlinear Partial Differential Equations for Scientists and Engineers (Third Edition) by Lokenath Debnath, Birkhauser- Springer, Boston 2012. (Received August 31, 2015)