MATH 490- GRADUATION PROJECT

<u>PROPOSED PROJECT TITLES by Assoc.Prof.Dr. Özlem DEFTERLI:</u>
<u>Level: for an undergraduate student of 3rd/4th class</u>

Title: Adams-Bashfort-Moulton Methods and Applications to Understand the Dynamics of Infectious Diseases

Content: In this project, the mathematical description of predictor-corrector numerical schemes will be studied and applied on a selected disease model to solve and analyze its dynamical behaviour.