Semarang, May 26th 2012. Northemoratic and Sciences Faculty Vice Jean of AE 195604(987031001 with the theme "Building the Characters of Nation through the Spirit of Research and Conservation" Committee of Seminar Penelitian Dosen **Mathematic and Sciences Faculty** Prs. Moh. Asikin, M.Pd. NP 195707051986011001 **Certificate of Appreciation Semarang State University** Students Scientific Center dance of SSC BAYU WIDYASWARA .S. Number: 002/E/Pan.SPD/SSC-FMIPA/V/2012 in recognition of valuable contribution in the even Scientific Vaganza at Semarang, May 26th 2012 this certificate is awarded to Seminar Penelitian Dosen Participant Dewrangga Oky Bagus Aprilandanu Chief of SSC NIM 4311409065 STUDENTS SCIENTIFIC CENTER Chief of Committee Ahmad Alfran R NIM THOIFTIOS