

ABSTRACT

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INSTALASI STASIUN AUTOMATIC WATER LEVEL RECORDER (AWLR) DAN PERANCANGAN WEB MONITORING

PT Putra Bayu Angkasa is one of the companies engaged in hydrological, climatological and meteorological equipment. This company is a partner of government agencies both BIG (Geospatial Information Agency), BMKG (Meteorology and Climatology Agency) and PU (Public Works). Students work in this company in the Technical division which is in charge of installing AWLR (Automatic Water Level Recorder) monitoring system equipment. This system will measure changes in water levels with various working principles. The tasks carried out during work are from assembling and testing the function of the system in the workshop until it is installed in each location and the data enters the monitoring web. In addition, students also create web-based monitoring applications using PHP so that they can easily observe the results of the prototype being developed. While working in the company, students get the opportunity to add insight into the knowledge of the AWLR telemetry system, learn and practice so that they can analyze tidal patterns from time to time. In addition, students also learn about attitudes, how to communicate, analyze data to repair steps if there is damage that occurs.

Key Words: *PT. Putra Bayu Angkasa, AWLR,*