**A PROJECT REPORT ON**

**“WEATHER DATA SET ANALYSIS ”**

*A dissertation report submitted in partial fulfillment for the award of the certificate in*

**“BIG DATA TECHNOLOGY”**





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**ACKNOWLEDGEMENT**

We like to thank Goverrnment of INDIA,C-DAC,Pune and AEC for organizing this course at AEC campus.

We are also highly grateful to MR. SHUBHAM GUPTA SIR, MR. MANISH KR. NIRMAL SIR from C-DAC, Pune.

At last we also would like to thank MRINMOY SANDILIYA Sir, AMLAN JYOTI DAS Sir and SIMANTIKA CHOUDHURy Ma’am who too helped us during the complete duration of the course.

**ABSTRACT**

My topic is Hadoop which is Analysis of Weather Temperature of Earth using Apache PIG .Apache Hadoop is a software framework that supports data-intensive distributed applications under a free license.Hadoop was inspired by Google’s Mapreduce and Google File System(GFS) papers.Hadoop, however, was designed to solve a different problem the fast,reliable analysis of both structured data and complex data.As a result, many enterprises deploy Hadoop alongside their legacy IT system,which allows them to combine old data and new data sets in powerful new ways. The hadoop framework is used by Google,Yahoo and IBM,largely for applications involving search engines and advertising.i am going to represent the History,Development and Current Situation of this Technology.This technology is now under the Apache Software Foundation via Clodera.

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