**STUDY, ANALYSIS AND DESIGN OF ADAPTIVE SOFTWARE ALGORITHMS FOR APPLIED AUTOMATED SYSTEM DEVELOPMENT AND TESTING PATTERNS IN THE AREA OF HIGH PERFORMANCE RUN TIME DYNAMIC STORAGE IN NETWORK CLOUD ENVIRONMENT**

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**By**

**Vikas Kumar Choudhary**

**(Reg./PAHERU/Ph.D./FOCS/14-1057)**

**Under the Supervision of**

**Dr. Sanjay Chaudhary**

**Professor, Dept. of CSE,**

**Madhav University, Sirohi (Raj).**

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**FACULTY OF COMPUTER SCIENCE**

**PACIFIC ACADEMY OF HIGHER EDUCATION AND RESEARCH UNIVERSITY**

**UDAIPUR**