**GTEP: GSPANN TEST ENGINEERING PROGRAM**

**GTEP** ENCAPSULATES ALL TESTING COMPETENCY GROUPS DELIVERING EFFICIENT TESTING SERVICES CORRESPONDING TO MANUAL TESTING, TEST AUTOMATION, PERFORMANCE TESTING, MOBILE TESTING, DB & DATA MIGRATION TESTING TO EFFICIENTLY DELIVER HIGH QUALITY RESULTS.

**TEST AUTOMATION:**

With rapidly changing business environments, it becomes utmost important for the organizations to insure optimum software quality to meet the increasing demands of their customers. Automation testing here comes in as a worthful facilitator.

**GSPANN TEST AUTOMATION COMPETENCY GROUP:**

GSPANN’s expert Test Automation Competency Group endeavours to completely understand the customer requirements and plans for achieving them through test automation in a very diligent way which facilitates early release cycles resulting in shorter time-to-market with high quality product giving the advantage of reaping the benefits to the customer in terms of ROI generation. Shorter time-to-market means making one’s presence in the business well before other market players, hence leading to creating place for self, resulting in early revenue generation. Our QE Test Automation Experts will always be on a close watch in terms of new tools and technologies being introduced in testing sphere and get themselves very well versed in imbibing new skills and be on top of delivering quality results with usage of latest tools/technologies as per prevailing market trend. Our Test Automation Group performs various POCs and a proper study on tools to make sure we recommend the best fit and cost effective solutions to our customers. We also provide excellent post production support to our customers.

**GSPANN’S TEST AUTOMATION APPROACH:**

**GSPANN Test Automation Competency Group (GTACG)** has created its own high performance, robust and scalable functional test automation framework under the wing of **GSAPNN Test Engineering Program (GTEP)**.

**Highlights/Benefits/Differentiators of Test Automation Framework:**

* Application and Platform Independent which gives the flexibility to execute the test suite on cross browsers and multiple environments on different types of applications like Desktop as well Mobile
* Highly scalable and reusable, with little tweak can change to suit customer requirements
* Wide purview of coverage
* Cost effective and quality deliverables
* Test prioritization, selective test execution, simple dependency management, test plugins with simplified test case management
* Supports "continuous integration testing" and seamlessly works with leading CMS systems
* Automated and live reporting on the status of test executions
* Facilitates early release cycles resulting ROI at an early stage
* Post-delivery responsibilities

**Tools/Technologies Expertise:**

Selenium (Webdriver, GRID, RC), Custom Scripts (java, .Net), Junit, TestNG, Telerik Test Studio, RFT, Ruby, Appium, Calabash, Jenkins, Maven, GIT, SVN, Perforce.

**Types of Framework:**

Data Driven, Keyword Driven, Hybrid, BDD (Ruby Cucumber & Jbehave), ATTD

**Test Automation Approach:**