

## Project Final Report Evaluation Form

For Research Projects Funded Through MAARIFAH (the National Science, Technology and Innovation Plan)

Please fill in the boxes for proposal identification and enter your comments in each category below:

Project Code	13-INF761-10
Project Title	Design and Verification of Safety Critical Systems
Principal Investigator	Muhammad Rashid
Institution	Umm Al-Qura University
Strategic Technology Area	Information Technology Strategic Priorities
Project Budget (SR)	<b>1075350</b>
Project Period (Starting Month/Year – Ending Month/Year)	May/2014 to May/2016
Type of Final Report (FR) or Revised Final Report (RFR)	<b>FR</b>

### Please review the project progress report against the following criteria:

- 1. The progress of the research.** What are the main results of the completed research? Assess the progress made in relation to what was planned in the proposal. Have the objectives and/or timelines changed, and if so, address whether the changes are appropriate? For interim reports, are the plans for the second year of research appropriate?

Thirteen published papers.

#### **Two of which are Non-related papers:**

1. Holistic Development of Computer Engineering Curricula Using Y-Chart Methodology. Manuscript received November 04, 2012; revised February 19, 2013; July 19, 2013; and November 19, 2013; accepted January 25, 2014.
2. A Methodology for the Development of Competencies Required by Industry. International Journal of Advanced Research in Computer and Communication Engineering Vol. 3, Issue 9, September 2014

The PI should not include any papers not related to the project. In addition, each paper related to the project, KACST must be acknowledged.

Score (10 possible points)

8

- 2. Alignment with NSTIP:** Are project activities aligned with the goals of Saudi Arabia's Strategic Technologies Program, established by MAARIFAH (the National Science and Technology and Innovation Plan), in the technology area identified by the investigator? If “No”, please provide comments justifying this rating.

☒ yes

☐ No

I think this point should be in the acceptance phase not in the final evaluation.

Rated Criteria	Rating (from 1-10)
1. Progress of the research	8
2. Impact of proposed program	8
3. Path to success	9
Total Score	25

- 3. Please rate the progress of the project:** Given your assessment of the progress and challenges outlined in previous sections, provide a qualitative rating of the project based on the total score.

• **Excellent (25.0 – 30)**

- Satisfactory (15.0 – 24.9)
- Poor Progress (3.0 – 14.9)
- Poor due to Insufficient Documentation (3.0 – 14.9)

- 4. The impact of the proposed program.** Assess how well the activity has promoted teaching, training, and learning? To what extent has the activity enhanced the

infrastructure for research and education, such as through facilities, instrumentation, networks, and partnerships? How well have results been disseminated broadly to enhance scientific and technological understanding? State the benefits of the proposed activity to society?

I think the impact of this project on building **Saudi research capabilities is minimal**. In the project, I could not find a single Saudi researcher. The only benefit is an undergraduate course, which could be provided without this project. Also, I could not find any government/industrial entity involved of this project.

Score (10 possible points)

8

- 5. The path to success:** Have the expenditures been reasonable and the time and resources dedicated appropriate to achieving the objectives? Has there been appropriate use of personnel? Were any challenges encountered during the implementation of the project addressed appropriately? If this is an interim report, what is the likelihood of achieving the project objectives by the end of the award?

In general, the project's output could be achieved with lower budget.

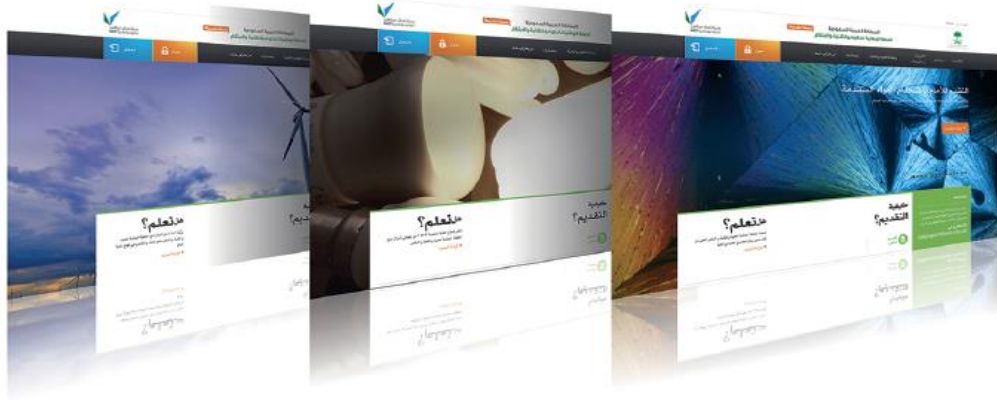
Score (10 possible points)

9

- 6.** Please provide your assessment of the plans for the next stage of this research project as proposed by the applicant in Section (1) of the report.

This is a final report.

Thanks!



<http://nstip.kacst.edu.sa>



[MAARIFAH@kacst.edu.sa](mailto:MAARIFAH@kacst.edu.sa)

