



**HAL**  
open science

# TQM for ETD Repositories to Improve the Data Skills of Research Scholars Benefits of TQM in ETD Repositories

Kamani Perera, Dinesh Chandra

► **To cite this version:**

Kamani Perera, Dinesh Chandra. TQM for ETD Repositories to Improve the Data Skills of Research Scholars Benefits of TQM in ETD Repositories. 19th International Symposium on Electronic Theses and Dissertations (ETD 2016): "Data and Dissertations" , Jul 2016, Villeneuve d'Ascq, France. . hal-01433059

**HAL Id: hal-01433059**

**<https://hal.univ-lille.fr/hal-01433059v1>**

Submitted on 12 Jan 2017

**HAL** is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.



# TQM for ETD Repositories to Improve the Data Skills of Research Scholars

Kamani Perera

Regional Centre for Strategic Studies, Sri Lanka

Dinesh Chandra

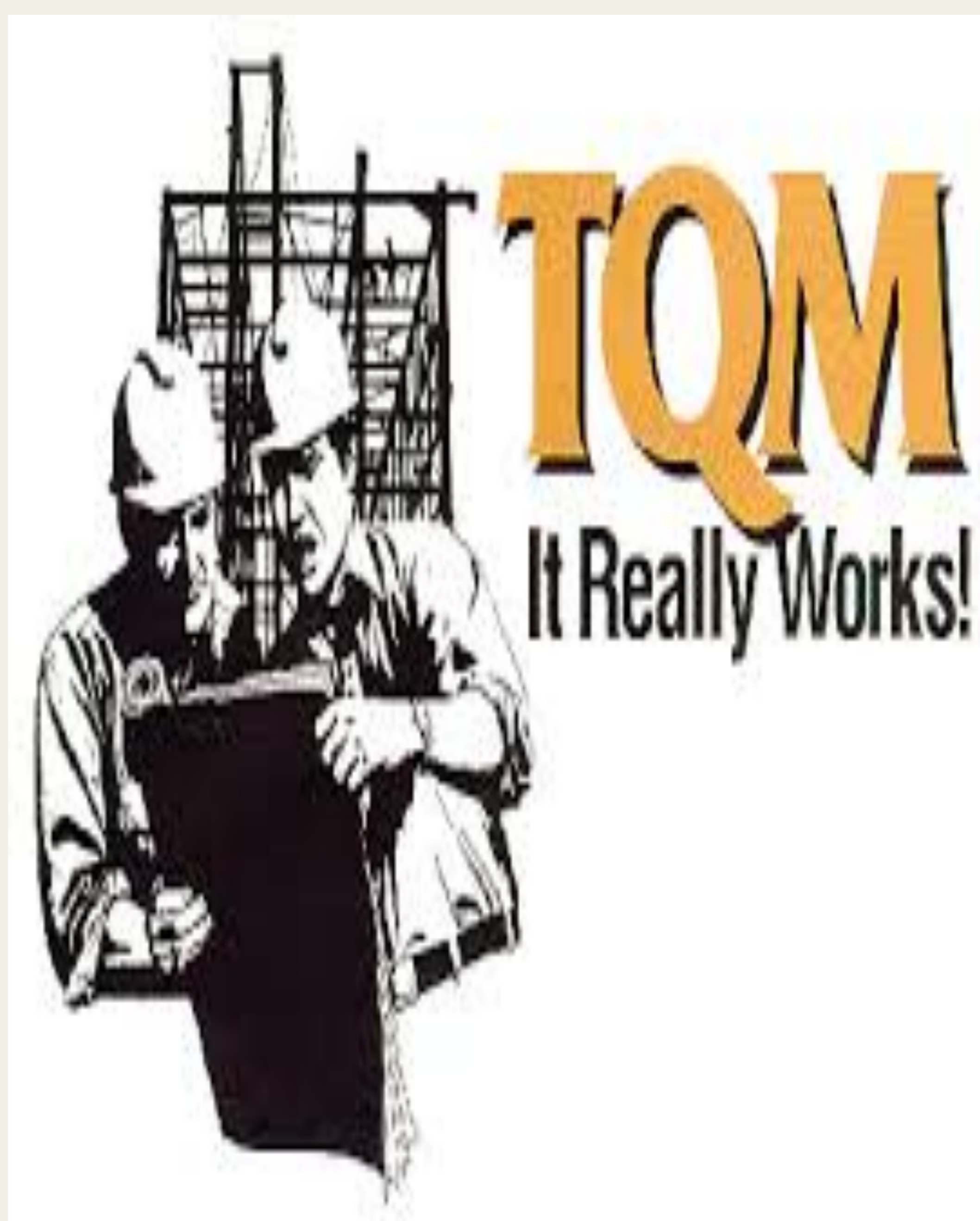
Ministry of Defence, India



ETD2016



ETDs are bearing greater responsibility worldwide to improve data skills of research scholars, more so for research scholars in developing countries. To improve and evaluate the quality of ETD services, it is important to implement Total Quality Management (TQM) in ETD repositories. It not only stimulates more energetic ETD development environment which eventually leads to an effective way of universal access but also strives for the continuous improvement of ETDs.



## Benefits of TQM in ETD Repositories

- Achieve quality presentation and enhancing quality review process through various scientific skills to improve the process.
- Excel user's expectation
- Upgrading the University community
- Staff development



The introduction of TQM requires the Top Management to provide leadership and support for all quality initiatives. Quality goals are moving targets and therefore require commitment from the whole Organization. Following factors, in particular, need to be taken into account:

- TQM is a result-oriented approach.
- TQM involves a process of constant progress and therefore ensures that library personnel are ready to play a constructive role in the process.
- TQM ensures the standard, performance, reliability, appearance, commitment to delivery time of the required information.
- TQM also ensures that the effort necessary for its implementation are at the same time rewarding for both staff and the institution.



TQM being a systematic process, which focuses on understanding customer needs and improving customer services, involves the question of whether products and services do correspond to customers' expectations and needs and whether both are harmonious with each other. Here, the customer means anyone who is impacted by the product or process. The main idea of using TQM methods for ETD repositories is to satisfy and even excel the user needs by using effective scientific methods.

TQM constantly supports for the improvement of ETDs performance in an efficient way. The objective is achieved by involving all employees who maintain ETD repository to suit the needs of research scholars. To maintain an effective ETD repository, it is important to meet TQM values such as providing the customers' needs, exact assessment, continuous improvement, teamwork, and enthusiasm of the ETD repository builders.

It is apparent that TQM can play a significant role in ETD repositories and it may lead to a result-oriented approach by way of improving data skills of research scholars. TQM is not a programme for a specific period, but it is the way-of-life focused towards continuous improvement of the Organization.