**T-SHELL**

A Project Report

*Submitted*

*In Partial Fulfillment of the Requirements for the Award of the Degree of*

# MASTER OF COMPUTER APPLICATIONS

*Of*

### Mahatma Gandhi University

***Kottayam***

*By*

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**BONAFIDE CERTIFICATE**

This is to certify that the project entitled **“T-SHELL”** is a bonafide record of work done by **MAJU ABRAHAM (Reg No:301353)** for the partial fulfillment of the requirements for the award of the degree **Master of Computer Applications of Mahatma Gandhi University, Kottayam.**

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**ACKNOWLEDGEMENT**

First of all I thank the **Almighty God** for giving me the strength to venture for such an enigmatic logical creation in a jovial way.

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Finally, I express my sincere thanks to my friends and parents for their kind presence, support and interest to me.

**MAJU ABRAHAM**

**DECLARATION**

I hereby declare that the project report “**T-Shell**” is a bonafide work done at **Musaliar College of Engineering and Technology**, towards the partial fulfillment of the requirements for the award of the Degree of Master of Computer Applications (MCA) from Mahatma Gandhi University, Kottayam, during the academic year 2011-2014.

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**ABSTRACT**

The aim of this project is to create a network presentation managing utility that will enable a presenter to share and control machines on his / her network and by that making sure that all the participants are attending the session. We will need to design and implement two program modules for this purpose.

1. The admin utility.
2. The client program.

**Admin Utility Program**

This program module provides a User Graphic Interface that will be available to all computers currently attached on the network and will not allow the users to select and view information other than what the admin is sharing. The users can only view the shared desktop of the admin. The main core function of the utility is to communicate the presentation with the client program in regular intervals and make sure that they are attending the presentation. The UGI of this module provided in the admin side provides information on all those are attending the session, and notifies if they try to quit the session. Admin can also allow the clients to use only selected software in special cases like examination, and can monitor weather he is using any other software. The admin also get the notification whenever a client attempts to connect an external devices. Admin also monitor client’s activity by using this system and can also sent notification in case of any abnormal activity detection.

**Client Utility Program**

The client utility program’s function is to run in all computers on the network that the client attends the presentation compulsorily. The client utility provides only the images from the admin utility terminal at that particular moment. This utility needs to have a user interface, it may require however a settings interface if we wish. This module makes sure that the client could use only those facilities which are allowed by the admin or trainer. This section will get permission to run other software only if it allowed by the admin and if any other software is executed the process will be monitored and killed by admin. He will also get notifications from admin during the session.

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