



The establishment of The Higher Education Network (THEN) is a huge opportunity for our students and for the universities of the developing world to take benefit from excellent courses delivered by eminent faculty members.

THEN is an interactive distance learning program, deployed on a world-class ICT infrastructure. The project THEN is conceived as a way to use technology to bring scholars, universities and students together in more effective collaborative learning systems. THEN can bring the much needed renaissance into the higher education sector in the developing world.

**Prof. Dr. Atta-ur-Rahman** N.I., H.I., S.I., T.I. FRS  
UNESCO Science Laureate  
Coordinator General Comstech



Quality teaching in every discipline and at every level is the most important need of our time. The Higher Education Network (THEN) brings quality teaching to your doorstep by using the most modern ICT tools. This is an exciting project which should eventually change the landscape of higher education in Pakistan.

**Prof. Dr. M Iqbal Choudhary** H.I., S.I., T.I.  
Director, ICCBS  
University of Karachi



The Higher Education Network (THEN) is a truly useful and efficient means to propagate knowledge in developing countries. The system allows wide diffusion of knowledge, active participation of students in remote sites and trouble-free testing of the students' knowledge in standard-type exams. It is also very useful to attract high-profile scientists from the west who can't visit developing countries physically to contribute to the higher education sector by distance education.

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# THEN

**(The Higher Education Network)**  
**A model for educational change for**  
**the developing world**



## Introduction

THEN is an effort to bring scholars from around the world into a forum to improve the standards of teaching and learning environments of the developing world. It is a web based grouping of academics across disciplines and across the world. The higher education sectors of the developing world are deeply in need of highly trained scholars who can deliver high quality courses at the undergraduate and postgraduate levels.

## Background

The Higher Education Network is a project conceptualized by academics in Pakistan and is built on the premise that eminent academics around the world in a variety of disciplines would be willing to help students in the developing world. The technology now exists to broadcast those lectures into the classrooms of participant institutions across the world. With careful planning and technology, this project is designed to supplement the courses being offered by local faculty members by relaying high quality lectures, workshops and avant-grade pedagogies in classrooms across the world through cutting-edge distance learning technology.

## Aims & Objectives

The Higher Education Network:

- Bring qualified academicians and scholars into The Higher Education Network.
- Effectively organize online lectures in a manner that they address the curricular needs of the higher education sector.
- Establish global partnerships by linking eminent Professors worldwide with students studying in the developing world.

## Events

- Dr. Mathew N. Dailey is an Assistant Professor at Asian Institute of Technology (AIT) Thailand. He is delivering two 3 credit hours MS level courses on “Software Architecture Design” and “Machine Vision for Robotics and HCI”.
- Prof Dr. Muhammad Iqbal Choudhary, Director, ICCBS University of Karachi is delivering 3 credit hours PhD level course on “Nuclear Magnetic Resonance (NMR)”.
- Dr. Athar Ata, Professor at University of Winnipeg, Canada, is delivering 3 credit hours PhD level course on “Biosynthesis of Natural Products”.

- Prof. Dr. Asghar Qadir, working as Principal at the Centre for Advanced Mathematics and Physics (CAMP) of the National University of Sciences and Technology (NUST), is delivering 3 credit hours MS level course on “Thermal Physics”.
- Dr. Martin Schnermann, a postdoctoral fellow working at Department of Chemistry, University of California, Irvine has delivered a 1 credit hour PhD level course on “Covalent Modification of DNA Target for Small Molecules”.
- Prof. Daniel C. Hoessli is a Professor of medicine from University of Geneva. He has delivered a 1 credit hour PhD level course on “Introduction to Cell Biology”.
- Dr. Syed Ghulam Musharraf is an Assistant Professor at H.E.J. Research Institute of Chemistry, University of Karachi has delivered a 1 credit hour PhD level course on “Interpretation of Mass Spectrometric Data”.