

EXHIBITION / SEMINAR CAD / CAM / CAE & INDUSTRIAL AUTOMATION

Report by: TARIQ S. QUDDUSI
(Organizer / Member Task Force)

Venue: Hotel Pearl Continental, Karachi

Date: October 17, 2002

Program

Opening Remarks

Proceedings started with the recitation of verses from Holy Quran.

In the opening speech, Mr. Pervez A. Butt (Director Project) briefed about the formation of TReMU as a Think Tank especially on matters related to science & technology. He explained that various task forces are formed by selecting experts in their respective fields to discuss, analyze & recommend for implementation on technological areas.

Since, IT is still unfolding, it is necessary and important to acquire this technology and develop expertise which is essential in industrial growth. He emphasized the need to promote CAD / CAM / CAE awareness and implementation in small & medium industry that should benefit the most.

Mr. Butt congratulated the organizers on arranging the event.

Presentation by Task Force Coordinator, Mr. Farrukh Jamal

Mr. Farrukh Jamal made a presentation on Aims & Objectives of Task Force, Scope of Work, Recommendations & Proposals and Action Plan. His presentation covered following topics:

A) CAD / CAM / CAE, INDUSTRIAL AUTOMATION & IT APPLICATION:

- Advantages.
- Challenges.
- Need of IT & its application in organizations.
- Development / evolution of technology.
- Problems and limitations.

B) TReMU / TASK FORCE

Background: A platform for the industry for technical advancement through skill development, system improvement computerization and automation.

Application:

- Reverse engineering.
- Feature base modeling.
- Product data management.
- Finite element applications and Simulation
- CFD
- PLM
- PC based instrumentation and controls

C) PROPOSAL / RECOMMENDATIONS

Task force so far has submitted proposal on following topics:

- Subsidy & support (incentive scheme).
- Skill development.
- System improvement, computerization.
- Formation of technologies centers.
- Appreciation awards.

Presentation by Mr. Salman Ansari, Advisor to the Minister for Science & Technology

Mr. Salman Ansari in his key note speech said that idea to establish TReMU was to identify potential available in the country particularly in Human Resource area and to harness their capabilities to maximum advantage of industry. He said that there are 22 working groups involving experts within & outside the country assisting MOST to formulate strategies & policies for development of science & technical industrial advancement in the country.

Mr. Ansari informed that Ministry of Science and Technology and Ministry of Industries are working together to provide a very strong industrial base equipped with modern technology, so that economical & high quality products can be developed locally. He said deletion will automatically come about if products with international standards could be produced at competitive rates in Pakistan.

He expressed his strong desire for task force on CAD / CAM /CAE & Industrial Automation to contribute to its maximum potential to help MOST & guide industry to achieve technological advancement, so that areas of export market could be tapped. He urged task force to integrate and consolidate resources to achieve the goal set by itself.

He informed that industry funding worth Rs. 150 M are available and currently 40 industries are working. There is further commitment of Rs. 200 M and foreign companies have been contacted to help in Quality Control, Industrial Development and increase in local value addition. He assured complete support to task force in their activities.

Remarks by the Chief Guest:

The Chief Guest Mr. Niamatullah Khan expressed that Government felt the need to form such bodies which can help in development and growth of industry. He said that government is determined to provide best facilities to industry including progress towards automation which is the need of the day.

City Government is taking all steps to promote Technology and he thanked MoST in extending support in materializing few projects and improving IT infra-structure of the city as more than 70% of the country's industry is in Karachi and this city is contributing 60% revenue to government exchequer.

City Nazim hoped that such support will continue. He also expressed his desire to make Karachi, which is hub of industrial activities as centre of technological & IT development and an export base.

He also informed about projects planned by City government for Karachi which are:

- Creation of Technology Island City which is already announced.
- Establishment of IT University
- Investment by a German - Swiss Co. worth US\$ 1.2 billion to develop on BOT a magnetic train facility.
- IT parks in 5 towns of Karachi.

Chief Guest appreciated the efforts made by Task Force in promotion of CAD / CAM / CAE & Industrial Automation. He particularly congratulated organizers for arranging Seminar & Exhibition on this topic which, according to him, is a great event in history of Pakistan.

Closing Remarks by Mr. Tariq S. Quddusi, Member Task Force

Mr. Tariq S. Quddusi in his closing remarks thanked City Nazim with gratitude & deep sense of appreciations for gracing the occasion despite his multifarious pre-occupations.

He said that task force in a humble way is striving hard to make a better tomorrow for Pakistan. The newly evolved relationship between the public & private sector is a step in the right direction. It will lead to success in developing, growth and modernization of our industry and above all gives it an edge in its pursuits to be a global player.

Inaugural of the Exhibition Area

Later City Nazim inaugurated the exhibition and visited stalls. He took keen interest in the products exhibited and presentations made by different cos.

A total about 200 Senior Executive from industry, educational & research institutes participated in Seminar. There were 15 exhibitors & 16 mini sponsors (list attached).

MOU

In the end a MOU was signed between ITCN Asia & TReMU.

ITCN Asia in conjunction with task force has agreed to an exclusive sub -exhibition on Industrial Automation CAD / CAM / CAE & instrumentation.

Electronics & print media widely covered the event and efforts of Tasks Force were acknowledged and appreciated.