



GAUTAM BUDDH TECHNICAL UNIVERSITY

(Formerly U.P. Technical University)

I.E.T. Campus, Sitapur Road, Lucknow - 226021

No. G.B.T.U./R.O./2011/21699-21992

Lucknow: Dated: 30 July, 2011

To,

All Directors/Principals
B.Tech. Institutions Affiliated to Technical University
(G.B.T.U. and M.T.U.)

Subject: One day seminar on "*challenges in Adoption of Automation: An Indian perspective*"

Dear Sir,

It is to inform you that a one day seminar is organised on "*challenges in Adoption of Automation: An Indian perspective*" at C-22, Sector 62, Noida on 9th August, 2011. As you are already aware that *manufacturing processes are being automated* as a tool to meet various challenges of the industry. This seminar is an attempt to bring academia and Industry (Rockwell Noida) together for a brain storming session to adopt the latest automation technologies and equip the technical students for better job placements and job satisfaction. This event aims to train the faculty in this context.

You are requested to nominate at least two senior faculty members to attend this seminar. The registration is free but seats are limited. The cost of travel to attend the Seminar shall be born by the concern Institute Dr. Manish Gaur (M.H.C.Gaur@googlemail.com) or Dr.V.K.Singh (vksingh@ietlucknow.edu) of IET Lucknow may be contacted for early registration and for any further queries. A detail leaflet about this program is attached herewith which is also available on the University web page (www.uptu.ac.in).

with regards

Encl. : As above.

Yours faithfully,


(U.S. Tomer)
Registrar

Endt. No. & Date: As above

Copy forward for information and necessary action :-

- 1- Finance Officer, G.B. Technical University, Lucknow.
- 2- Staff Officer, Hon'ble Vice Chancellor, G.B. Technical University, Lucknow.
- 3- Administrative Officer, G.B. Technical University, Noida Campus, Noida.


(U.S. Tomer)
Registrar

CHALLENGES IN ADOPTION OF INDUSTRIAL AUTOMATION:

An Indian Perspective

- **Manufacturing Industries in India – Opportunities**
India has been one of the first **economies to bounce back** from the economic slowdown. India is viewed as a **quality manufacturing destination** – which is evident from the amount of investments being done. We take an overview at what this means for different sectors (e.g.: Consumer Goods, Food & Beverages, Life Sciences, Power, Automotives, etc).
- **Adoption of Industrial Automation**
In addition to the traditional issues of producing and shipping products, manufacturers are facing a **new set of challenges**, pressed upon them by their respective positions in the global economy (as explained above). How they respond to these will likely determine their success or failure into the future. We focus on **how companies are aggressively adopting Automation** as a tool to meet these challenges.
- **Challenges in Adoption of Automation – a 360 degree view**
The strength of the chain is as good as its weakest link. We share the **challenges industries face** in getting suitable manpower to implement the automation investment – **gaps they observe while hiring** fresh engineers. As part of the 360 degree view, we share **student’s response** to this (doing 3-4 month course at private training centre). Private training centre challenges - lack of standardization / students spending extra time/money.
- **Rockwell - University Participation Program**
The benefits of **even** primary level education are multifold. To achieve this, one “step” is “Mid Day Meal Scheme”.
Every journey begins with the first step. We describe Rockwell's **global approach to connecting with students** – various programs we do (industrial trainings, workshops, exhibitions). We talk about references in India / talk about couple of specific cases (e.g.: IIT, Chennai)
- **Open Panel Discussion**
Education is one the most effective and proven enabler for **socio-economic advancement**. In today's world of **ever increasing competition**, students select engineering colleges to help them **get a head start** over **their peers**. This places an **enormous responsibility on us** to ensure that we empower the students with knowledge of the latest and popular technologies.
An open, interactive session where the participants hear the views of experienced academicians on the day's proceedings and **roadmap to help their students** to be updated – **with knowledge** that is useful to them to not only get **employment** but also get **job satisfaction**.

SCHEDULE

- 10:30- 11:00 Welcome, Inauguration, Agenda by Prof Kripa Shanker
- 11:00- 11:30 Key note address by Mr Dilip Sawhney
- 11:30-12:00 Tea Break
- 12:00- 13:00 **Manufacturing Industries in India – Opportunities and Challenges** by Mr Meenu Singhal
- 13:00- 13:15 Vote of thanks by Mr U S Tomer
- 13:15- 14:00 Lunch Break
- 14:00- 15:00 **Adoption of Industrial Automation** by Mr K Srinath
- 15:00- 16:00 **Challenges in Adoption of Automation – a 360 degree view** by Mr D. P. Sen
- 16:00- 16:20 Tea Break
- 16:20- 17:00 **University Participation Program** by Mr Bhaduri
- 16:00- 17:00 **Open Panel discussion** Chair: Prof S K Kak
Co-Chair: Prof A K Khare
- 17:00 **Closing** by Mr Mukesh Sharma
Way forward by Dr Manish Gaur