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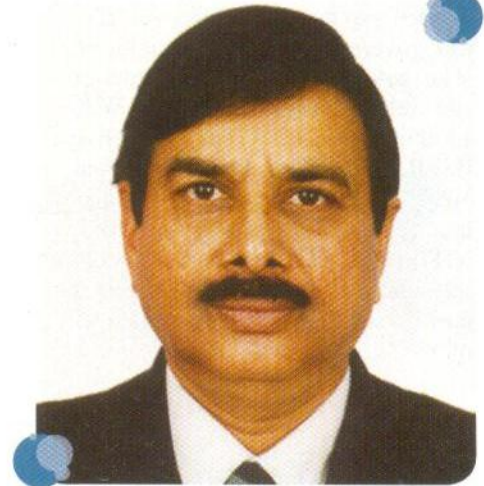
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DALAL
INVESTMENT JOURNAL
STREET

ENGINEERS HELP A NATION GROW

DR A K SRIVASTAVA
Director, Tecnia Institute



An American study has rightly pointed out that a nation's competitiveness and growth lies in the skills of its engineers and therefore the need of the hour is to lay greater emphasis on improving this sector of education and making it inter-disciplinary, says **Dr A K Srivastava**

Engineering education is among the key enablers of growth for transforming a country's economy. The quality of teaching and research in this sphere plays a critical role in the emergence of any country as a global knowledge leader. Engineering education also provides vital inputs for enhancing productivity across sectors and is about intellectual and personal development in relation to specific branches of engineering. As a total concept, engineering education is about the development of quality in the thinking process of the students.

India launched a massive programme for planned development soon after becoming independent. Apart from shortage of material resources, the country faced an acute shortage of technicians and graduate engineers. An ambitious programme of expansion of technical education was undertaken to overcome this problem. In 1947, there were 36 institutions for first degree engineering education, with an annual intake of about 2,500 students. India currently has 113 universities and 2,088 colleges.

Engineering colleges in the country have been growing at 20 per cent a year. Five Indian states - Tamil

Nadu, Andhra Pradesh, Maharashtra, Karnataka and Kerala - account for 69 per cent of India's engineers. Uttar Pradesh, Bihar, Gujarat, Rajasthan and Orissa account for only 14 per cent. Two-thirds of the engineering institutions are located in four southern states, plus Maharashtra, even though they account for less than one-third of the population.

On the global front, engineering education in the US plays a very vital role. A study in the US has concluded that "the nation's competitiveness depends on the skills of tomorrow's engineers". In fact, some universities in the US have established themselves as corporations. Excellence, quality, relevance, customer satisfaction and service have become the buzz words in the engineering institutions of the West but in the post-recession era, American engineering colleges have had little to offer to Indian students by way of financial assistance.

Every year, a sizeable chunk of Indian students go to the US to pursue higher studies in engineering. However, with the American engineering colleges having been badly impacted by the global economy meltdown, the US may not be the first choice any more for Indian students at present. Recession has resulted in less revenue

from endowments in private colleges and less revenue from states in public colleges. Besides, with American engineering colleges cutting down on funds and scholarships, Indian students are likely to be offered a lesser number of scholarships and assistantships. On the positive side, there has been and continues to be an enormous infusion of funds in terms of 'bail-out money' to help correct and turn around the financial crisis. A good deal of this money is being directed to the education front.

Interestingly, engineering education is becoming inter-disciplinary. The borders between various branches of engineering are disappearing, with research fuelling technological advances at a rapid pace. In order to attain greater alignment of engineering education with employment opportunities, frequent dialogue with industry and government through seminars and workshops is necessary. On a concluding note, it can be pointed out that with an economic downturn of this magnitude and scope, there is virtually no precedent on which to base a course of action. But the mantra is to remain optimistic.

(The writer is Director of Tecnia Institute)

TECNIA INSTITUTE OF ADVANCED STUDIES

DIRECTOR'S PROFILE

Director's Name : Dr. A K Srivastava
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Email :



QUALIFICATIONS

Educational Qualifications : B.Sc, B.Text, M.Text, PGDPM, MBA, Ph.D, Certified Lead Assessor
Topics of Ph. D. :
University :

TEACHING EXPERIENCE

No. of years teaching : 20 Years
Subjects Taught : Textile testing, Prod. mgmt, Quantitative Techniques, Operation Research, Statistical Process Control, TQM, Project Mgmt, Tech. Mgmt
Published Material : Cost of Quality, Impact of WTO Agreement on Indian Textile and clothing Ind, Consumer Taste and Preferences for Suiting & Shirting, Application of IT for Integrating Organisation Information, Impact of SCM in Optimising Inventory Cost, Strengthening supply chain through Measurement of Vendor's Satisfaction etc
Visiting/Adjunct Professor at : TIT& S, Bhiwani, AIM Ghaziabad, IMT Ghaziabad
Details of membership/fellowship/ association with Educational bodies, forums & agencies : **Life Member All India Textile Assoc., Member Ludhiana Management Association**

INDUSTRIAL/CORPORATE WORK EXPERIENCE

No. of Years of Work Experience : 2 years
Functional Area / Specialization : Production and Operation Management, Product Development, Technical Services, Quality Assurance, Techno Designation (last held): Director.
Organisations worked with (starting with the most recent one) : Tecnia Institute of Advanced Studies, SportKing Institute of Fashion Technology, JCT , Hero Group of Industries, Graveira Suitings.

INTERNATIONAL EXPOSURE

Name of Country :
Conference/Research/As Faculty detail :

SPECIAL ACHIEVEMENTS (Max. 60 words)

Undertaken over 40 consultancies on quality management systems for textile and garment industry; Undertaken over 100 mgmt development programs; Techno Commercial Studies & R&D projects for modernisation proposals, Studies for Man Power Planning in Textile Industries; Developing New Curriculum and Programs

Date:
Filled by:

INSTITUTE PROFILE

Address : 3, PSP, Institutional Area, Madhuban Chowk, Rohini,
City : Delhi **Pin:** 110085
Tel. : 011-27555121-2-3-4
Fax : 011-27555120
Email : director@tecniaindia.org
Web : www.tecniaindia.org
Year of Establishment : 1999
AICTE Recognition Year : 1999
Director's Name : Dr. A K Srivastava
Director's Cell : 011-27566817
Director's Tel. :
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Fax : 011-27555120

COURSES OFFERED

Programme	Degree/Diploma	Duration	No. of Students
B. Tech.			
B.E.			
Integrated			
B.C.A.	Degree	3 Year	600
Other Graduation	Degree	3 Year	500
M.Tech.			
M.S.			
M.C.A.	Degree	3 Year	100
Other PG			
Ph.D.			

STUDENTS / FACULTY

No. of full-time students : 840
No. of full-time faculty : 27
No. of part-time faculty : 10
No. of visiting faculty : 20
Qualification of faculty no.: PhD, M.Tech, M.Phil, MBA, MCA, GATE, MET qualified

INSTITUTE PROFILE (CONTD.)

Student / Faculty ratio : 1 : 15 (15/1)
Course fee (per annum) : 84000
Scholarship/Sponsorship :

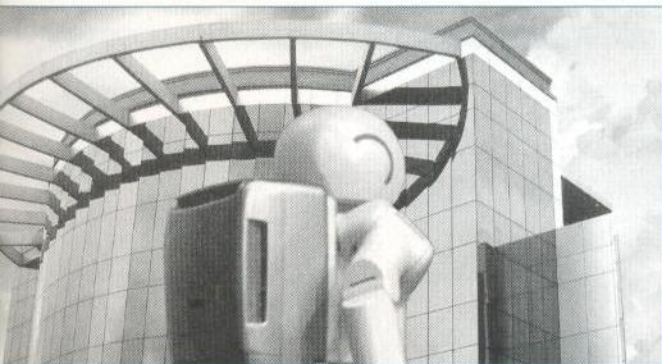
INFRASTRUCTURE

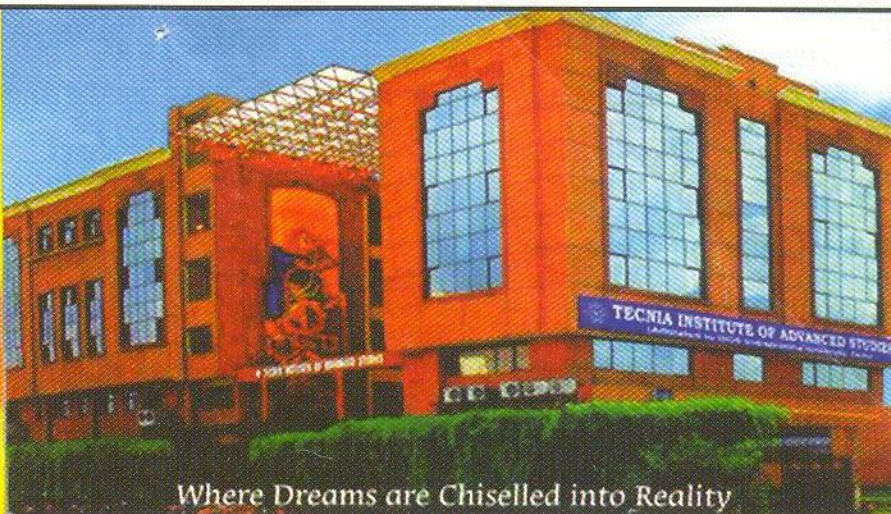
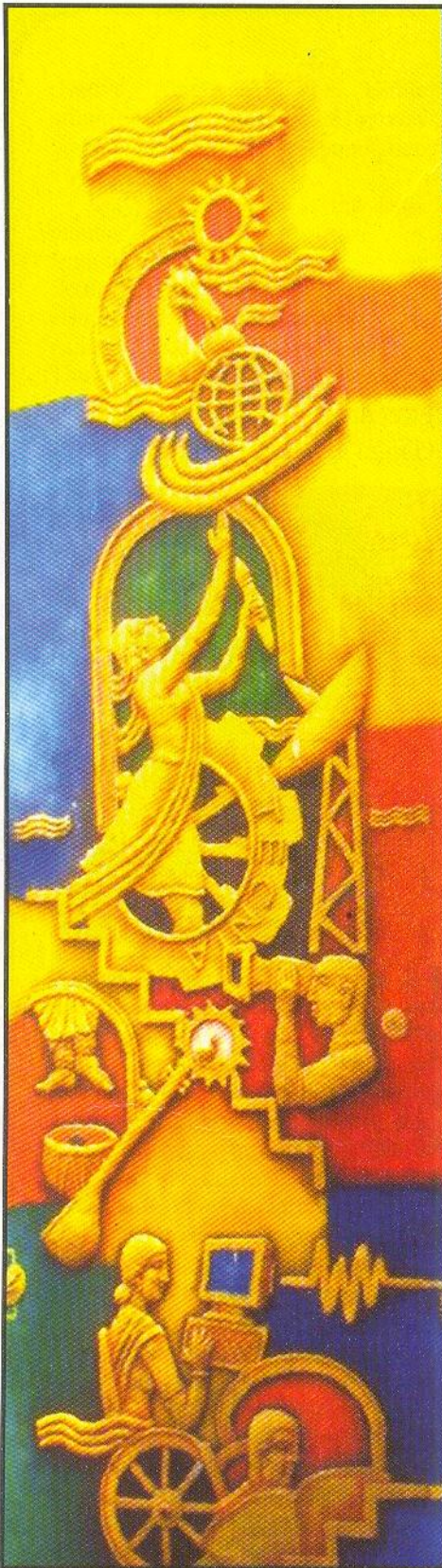
Library	No. of Books		250
	No. of Periodicals subscribed		3
	No. of foreign journals subscribed		No
	International Magazines		No
Computer Lab/s	No. of computers		50
	Internet Facility	(Y / N)	Yes
	Broadband	(Y / N)	Yes
	Campus Wi-Fi	(Y / N)	No
Hostel Facility	Own Hostel	(Y / N)	No
No. of students accommodated Workshop/ Lab. infrastructure			

CAREERS & PLACEMENTS 2008

Top 5 placements

Organisation Name	Annual Salary (Rs.)
ABN Amro Bank	225000
ICICI Bank	180000
Reliance Life	200000
Hughes	220000
Havit	325000





Where Dreams are Chiselled into Reality

The Vision

Tecnia aims to address the current and future requirements of the industry and the society as a whole, by preparing its students to become successful leaders in an increasingly global and technology driven business environment.

Mission

Providing professional education for developing human resources with highly specialized knowledge and skills in the fields of Management, Information Technology and Mass Communication.

Courses Offered : • MCA-Regular • MBA-Regular • MBA (Part Time)
• BBA-Regular (1st Shift) • BBA-Regular (2nd Shift) • BJMC-Regular

Admission through GGSIPU-CET

Our Strengths

- High academic standards with excellence in teaching and research.
- Outstanding faculty base
- Excellent infrastructure with hi-tech IT labs
- Voluminous e-library with DELNET facility
- Emphasis on overall personality development
- Placement in leading industries
- Metro connectivity
- Tecnia Journal of Management Studies
- State-of-the-art fully air conditioned auditorium
- Pool of expert guest / visiting faculties
- Included in top 100 B-schools by Dalal Street Journal 2009
- Rated "A" Category B-School by AIMA/Business Standard & Business India Surveys, 2008
- ISO 9001:2000 Certified Organisation

Placement

The institute has achieved near total placement of all its students. Some of the prominent recruiters include : • STANDARD CHARTERED • ABN AMRO • ICICI • IDBI BANK • ICICI PRUDENTIAL • ICICI LOMBARD • MAX NEW YORK LIFE • INDIA BULLS • MET LIFE • HCL • HLL • BAJAJ ALLIANZ • TATA AIG • HUTCH • RELIANCE • DMRC • ING VYSYA • HDFC BANK • INDIA INFOLINE • AVIVA • IFFCO TOKIO, CAPITAL IQ, IBM etc.



TECNIA INSTITUTE OF ADVANCED STUDIES

(Affiliated to GGS Indraprastha University, Delhi and approved by AICTE, Ministry of HRD Govt. of India)

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