



Confederation of Indian Industry



Ministry of Human Resource Development
Government of India



All India Council for Technical Education



GLOBAL UNIVERSITY-INDUSTRY CONGRESS 2013

7-8 November 2013

New Delhi



Award Ceremony



Tata Chemical Award for Best Industry-Linked Institute in Chemical Engineering – Institute of Chemical Technology



Pennar Industries Award for Best Industry-Linked Institute in Civil Engineering – Walchand Institute of Technology



Elico Award for Best Industry-Linked Institute in Computers & IT Engineering – Sona College of Technology



Pennar Industries Award for Best Industry-Linked Institute in Electrical Engineering – Kongu Engineering College



Elico Award for Best Industry-Linked Institute in Electronics & Communication Engineering – PSG College of Technology



Forbes Marshall Award for Best Industry-Linked Institute in Management – Xavier Labour Relations Institute (XLRI)

Award Ceremony



Forbes Marshall Award for Best Industry-Linked Institute in Mechanical / Automobile / Industrial / Production – College of Engineering, Pune



Sun Pharma Award for Best Industry-Linked Institute in Pharmacy – Bombay College of Pharmacy



Best Chemistry Teacher Award

Report Release



Release of Report on AICTE-CII Survey of Industry-Linked Technical Institutes 2013

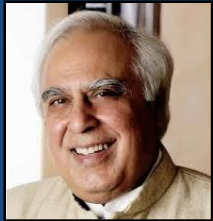


Release of Report on Annual Status of Higher Education in States & Union Territories (ASHE 2013)



Release of White Paper on "Administrative Reforms In Higher Education"

Key Speakers



Mr Kapil Sibal
Minister of
Communications
and Information
Technology
Government of
India



Dr R Chidambaram
Principal Scientific
Advisor to the
Government of India



Dr T Ramasami
Secretary, Department
of Science &
Technology
Government of India



Prof T K Chandrashekar
Secretary, Science and
Engineering Research
Board



Dr S S Mantha
Chairman, All
India Council for
Technical
Education



Mr Pawan Agarwal
Adviser (Higher
Education), Planning
Commission



**Prof Ashok
Jhunjunwala**
Professor, Indian
Institute of
Technology, Madras



Dr Y S Rajan
Honorary
Distinguished
Professor, ISRO



Dr Naushad Forbes
Chairman, CII National
Committee on Higher
Education &
Director, Forbes
Marshall Private Limited



Ms Sushma Berlia
Co-Chairperson, CII
National Committee on
Higher Education &
President, Apeejay Styra
Group & Svrán Group



Mr Ajit Rangnekar
Dean, Indian School of
Business



Mr Toby Linden
Lead – Education
Specialist, South
Asia Education,
World Bank

Media Coverage

52 write-ups in 23 publications till 25 November 2013

Name of Publication	No. of Write-Ups	Name of Publication	No. of Write-Ups
	6		1
	5		1
	4		1
	4		1
	3		1
	3		1
	3		1
	3		1
	3		1
	2		1
	2		1
	2		1

Media Coverage

NEWSFLASH

STUDENT SCHOLARSHIPS

ESAKE business school has allocated 15 million rupees in scholarships — a 37% increase over the previous year — for its Talent Scholarship Programme. The donors include co-founding companies, students, alumni, clubs and various graduating classes that created corporate scholarships like M&M '73, L&M&A '74, L&M&A '81, L&M&A '88 and S&A '13. At a scholarship ceremony, ESAKE Director General Eugene Bhat observed: "These scholarships are a tool for giving future brilliant talents a boost to society."

TEACHERS AWARDED

Winners of the third edition of Tata Chemicals' Best Chemistry Teachers Awards (BCTA) were recently felicitated by Kapil Sibal, minister of education and science.

Corporate projects from Tata Chemicals. The awards were organised in collaboration with the Confederation of Indian Industries (CII), Chemistry Division.

Sibal calls for child-centric approach to education

Our Bureau
New Delhi, Nov. 7
Accreditation of technical institutes should be done professionally and the Government should be at an arm's length from the process, Kapil Sibal, the Union Minister for Communications and Information Technology, said. Sibal was addressing the CII Global University-Industry Congress, organised by the Confederation of Indian Industries (CII) and the Education Council for Technical Education (AICTE) here on Wednesday. "Academic institutions and

teacher-centric, Government-centric or teacher-centric, it should be child-centric," he said. "The Minister also released the CII-Industry-Linked

Technical Survey of 1997. The survey showcased best practices across partnerships across institutes. About 100 management, pharmacy institutes, and engineering and management institutes participated in the survey. According to Sibal, South India's strongest, as there have been

ACCA signs MoU with CII

The Association of Chartered Accountants (ACCA) recently signed a Memorandum of Understanding (MoU) with CII to promote the sphere of higher education, university-industry linkages, resource and research. The MoU was signed by Executive Director, CII, Real-Martin, Director, ACCA.

Prized models in education

AT A RECENT EVENT THAT AWARDED DESERVING COLLEGES FOR BEING THE BEST IN THEIR RESPECTIVE FIELDS, UNION MINISTER FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY KAPIL SIBAL SAID THE EDUCATION SYSTEM IN INDIA WAS IN DIRE NEED OF REFORM.

In Erode, Salem and Coimbatore districts in west Tamil Nadu, three colleges of engineering have won awards for being the best in the country in Electronics and Communication, Computer Science and Information Technology and Electrical Engineering. The award was conferred upon them by the Confederation of Indian Industry. All Indian Council for Technical Education as well as the Union ministry of human resource development.

CR Swaminathan, chairman, CII National Higher Education Committee, commented that this was not the first time that colleges from south India had appeared as winners in the engineering education system. Union minister for communications and information technology Kapil Sibal was present at the event that was held in New Delhi which presented the winning colleges with their respective awards. During his inaugural speech Sibal spoke about the need for reforms in the education system saying that the system should be flexible enough to mould itself around a child rather than it being curriculum-centric. He added that the Indian education system is a long way off from being perfect and that various initiatives from various sources need to help take it forward.



CR Swaminathan and Kapil Sibal

3 engg colleges receive awards: Three state engineering colleges have been conferred with awards for the

Engg faculty have little exposure TO INDUSTRY: STUDY



Only Handful Of Professors Collaborate With Firms On Projects, Says AICTE-CII Report

More than 1,000 institutes that are well established in competitive fields like Architecture, Engineering and Management took part in this survey voluntarily. He added that leading corporate houses like Sun Pharma, Eli Lilly, Penstar Industries, Fortis Marshall and Tata Chemicals came together to give awards to deserving colleges because of their good relations with industry. The entire procedure included evaluating that work made by an elite jury

AICTE report commends southern engg. institutes for industry tie-up

However, their performance in management is low, finds survey by CII and AICTE

Only one in five established engineering colleges in the country is in synergy with industry

Additionally according to the report, emerging engineering institutes from the southern region achieved the highest average survey scores, almost eight points ahead of the western and northern regions. Tamil Nadu has over 550 engineering institutes. Management institutes from the south-central region however recorded the lowest average online survey score. Megathangam, chairman S.S. Manthapalli, said that he would like to see that management and companies to collaborate. The report said only one in five established engineering colleges in the country is in synergy with industry.

South India has traditionally been better than others in engineering and technology but have lagged behind in management education. "The desire for collaboration is more present on campuses. However, not all heads of institutions are happy to be reported as they feel it is not adequate representation. S. Vaidyanathan, dean (planning and development), SAITRA University, Chennai, said that the quality of education in the southern region was higher, 70 per cent of all online submissions. Council for Technical Education Dr Mantha said it was important for improving higher education in the country. As for the reasons for the survey, he replied that the well-established technical institutes can evaluate where they need to improve on various

NEWS BOARD

Best chemistry teachers

Winners of the third edition of Tata Chemicals' Best Chemistry Teachers Awards (BCTA) were felicitated by Minister of Communications and Information Technology Kapil Sibal, and Sanjiv Lal, Vice President, Corporate Projects from Tata Chemicals last week. These awards are organised in collaboration with the Confederation of Indian Industries (CII), Association of Chemistry Teachers (ACT), Royal Society of Chemistry (RSC) and Godrej. BCTA is a part of a larger

in... ca... Ch... aw... plan... istry... the f... gorie... Bes... (Class... Excell... School... Best... (Bachel... Sunita... college, and Prof... from Raj... lege, Mun...

Foreign plans for India

A collaborative approach, which is mutually beneficial, is the way forward for foreign stakeholders to enter the Indian market. Echoing a similar view, Ravneet Pahwa, director, faculty & student exchange, and so on. It has to be beneficial for both partners."

demographic, curriculum development as part of the plans for India. The ministry of human resource development (MHRD) recently decided to allow the top 400 global universities to enter India

Higher education needs changes

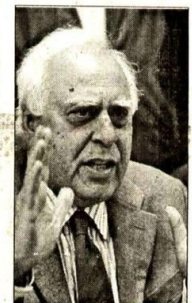
This refers to the article 'The Road Ahead' (Knowledge White Paper of the CII's National Committee on Higher Education that

Education must be made child-centric: Sibal

STATESMAN NEWS SERVICE
New Delhi, 7 November

Telecom Minister Kapil Sibal today made a strong plea for reforming the education system to make it child-centric so that children can pursue their own dreams and aspirations.

Speaking at the two-day CII global university-industry congress here, he referred to the Mars mission. "When we talk about launching a satellite on to Mars, we have more than 220 million satellites in the country, our children and each satellite has its own trajectory. We should help them in finding their orbit and shine."



indeed ironic that while there is a level of excellence that has been achieved

South tops survey of tech institutes

Technical institutions in southern India have outperformed their counterparts in the rest of the country, an online AICTE-CII survey has found. These institutions, offering courses in engineering, management, pharmacy and architecture, were evaluated for their faculty, placements, curriculum, research, consultation and infrastructure.

While southern institutes achieved an average score of 30.73, northern and western regions attained 24.15 and 24.01, respectively. Institutes in the central region scored 13.84, coming last in the survey. Although 1,050 institutions across India had offered to join the online survey, only 148 were shortlisted for the final round.

The participation of southern region was higher, 70 per cent of all online submissions. Council for Technical Education Dr Mantha said it was important for improving higher education in the country. As for the reasons for the survey, he replied that the well-established technical institutes can evaluate where they need to improve on various

Media Coverage

CA body, CII ink pact

New Delhi, Nov. 13
The Association of Chartered Certified Accountants (ACCA) has signed a memorandum of understanding with the Confederation of Indian Industry to work in the sphere of higher education for better human resources.



Oppn Leaders Discussing Statuses: Sibal

New Delhi: In an attack on the BJP's prime ministerial candidate Narendra Modi, Union Minister Kapil Sibal said that in-house issues, opposition leaders were discussing matters like creating statues.

"The debate that we are hearing in the country is done that, you have damaged the country. Talk issues," he said, adding that the present political discourse is not about the country's future but about the status of the opposition.

He said that the opposition is not discussing the country's future but is only talking about the status of the opposition.

The academia-industry handshake

Aysha Banerjee
aysha.banerjee@hindustannews.com

Forbes Marshall Limited, a Pune-based company working on process efficiency, has signed a MoU with the College of Engineering, Pune (CoEP) to build a curriculum around industry-academia participation.



INSTITUTES ON TOP

Computer/IT engineering: Sona College of Technology, Pune. Interaction: With 54 companies. Tie-ups with Cisco, Oracle, IBM and Infosys for research and providing advisory services to companies. Has 21 industry-sponsored endowment faculty chairs.

Chemical Engineering: Institute of Chemical Technology, Pune. Interaction: Doing contractual research and providing advisory services to companies. Has 21 industry-sponsored endowment faculty chairs.

A VIABLE HANDSHAKE

COLLABORATE
Industries and universities come together to provide more opportunities

Different universities are collaborating with industries in order to provide the students a taste of the real world. This is the most important thing for study work as well.



INSTITUTES ON TOP

Experts have called this collaboration a natural thing to have happened. Assigned 72 services by the industry for management. XLRD, Jamshedpur. Interaction: About 16 members on board. Quality provides training to about 60 students. Industry provides faculty from

CoEP bags national award for industry-institute interaction

EXPRESS NEWS SERVICE
PUNE, NOVEMBER 8

The College of Engineering, Pune (CoEP) has been awarded the 'Best Industry Institute Interaction' award.



Accreditation of tech institutes should be done professionally: Sibal

Our Bureau
New Delhi, Nov. 7

Technical Institutes 2013, which showcased best practices of industry partnerships across AICTE-approved institutes.

"Why because they don't think about it. They think of what has been done. We are not humans that everything do is right," he added.

Established in 1854, it is the third oldest college in Asia. The history and the fact that it is a big industry hub in automotive and mechanical engineering has helped.

Accreditation of tech institutes should be done professionally: Sibal

Our Bureau

New Delhi, Nov. 7

Accreditation of technical institutes should be done professionally and the Government should be at an arm's length.



Minister for Communications and Information Technology Kapil Sibal (right) and another official (left) holding a certificate.

WAS conducted India Council for Accreditation of Industry

Survey on industry, academia linkages

NEW DELHI, NOVEMBER 6
There has been a sevenfold increase in the response of institutions in the joint survey on industry-academia linkages.

Sibal calls for child-centric approach to education

Our Bureau
New Delhi, Nov. 7

Kapil Sibal felicitates winners of BCTA 2013



1) Best Chemistry Teacher (Post Master's) - Dr. Yogendra Kohdari from Government Excellence School, Madhavnagar, Ujjain
2) Best Chemistry Teacher (Bachelor's Degree) - Prof. Sunia Bhargat from ASRD College, Delhi University and Prof. Subhas Pednekar from Ramnarain Ruia College, Mumbai
3) Best Chemistry Teacher (For Master's) - Prof. Anil Elias from IIT, Delhi
4) Best Chemistry Teacher for promotion of Chemistry as a subject - Prof. Prodop Phukan from Gauhati University, Guwahati

HIGHER EDUCATION

A White Paper on "Administrative Reforms in Higher Education"

by the Confederation of Industry's (CII) National Conference on Higher Education was held at the Global University-Industry Congress and 5th Global Education Summit.

'Real linkages happening only in engg institutes'

SEARCH FOR EXCELLENCE

Working on the AICTE-CII Survey of Industry-linked Technical Institutes 2013 has been quite an experience.

Education should be child centric, says Kapil Sibal



Telecom minister Kapil Sibal

Press Trust of India
Rising for reforms in education system. Telecom Minister Kapil Sibal today said reforms need to be child centric so that children can pursue their own dreams and aspirations.

Referring to India's first mission to Mars, Sibal said, "When we talk about launching a satellite on to Mars, we have more than 220 satellites in the country. Our children and each satellite has its own trajectory. We should help them in finding their orbit and shine."

Sibal has previously headed IITD and IIT Bombay. He was in New Delhi on the occasion of the two-day CII global university-industry congress. The Minister said that education needs to concentrate on the child and not the curriculum. Its efforts should be to bring out the brilliance in the child.

He also propagated a 10-year vision to create a road map to facilitate reforms in education to ensure that India comes to the forefront of world's education scene.

Commenting on the plight of education, Sibal said that ironically, while, satellite (Mars Mission) is being guided, "many institutions under the AICTE, engineering institutions, are closing down in India. They are winding up because of lack of quality and a feeling among students that these institutions lack on individual structure and other things," he said.

He further said, "We have a level of excellence that we have achieved and you have the face and that is the irony of India."

He emphasized on the need to make education compatible to leverage technological advances like cloud computing and learning students with low cost devices that can facilitate access to educational material and global information anytime, anywhere.

The Minister added that investment in education will suffer in absence of legislative support. He called on academic institutions and industry to create enough pressure to bring about the required legislation for reforms in education.

Our children and each satellite has its own trajectory. We should help them in finding their orbit and shine.

KAPIL SIBAL, telecom minister

ing. Institutes are getting actual projects and offerings. Research all around the making stakeholder of what was the survey and the data analysis. Institutes studied. The jury led Dr YS Kram Sarabhai Professor, Research among others, sent by They had resses, streams in a further were short-sts were

tion, keeping records of interactions with industries, internship programmes or visits and lectures by industry experts, says Sharma. Kulkarni of Penmar, who made several site visits, however, has a word of advice. "The skills development programmes of the institutes are not done in a structured manner. They don't have a very clear idea of what they are undertaking what they need and mould their students accordingly. My onboarding is a lengthy process and I would be happy to get industry-ready professionals for my company," he adds.

AYSHA BANERJEE

Media Coverage

FILING PATENT, TECH TRANSFER AND RESEARCH CONSULTANCY STILL RARE: AICTE SURVEY

Academia-industry link weak

South ahead of West

Corporate houses engage graduates unemployable... they hardly do anything to help them find jobs.

Kudos, 2 city colleges named best in India

1 PRINCIPAL BEST CHEMISTRY TEACHER

Vinamrata Borwankar
@vinamratatab

Two institutes from Mumbai have bagged the award for the best industry-linked institutes in India given by the All India Council for Technical Education (AICTE) in New Delhi on Thursday. The AICTE-CII Award was bestowed on Institute of Chemical Technology in the chemical engineering category and the Bombay College of Pharmacy in the pharmacy category.

The awards were given by Union minister Kapil Sibal at the two-day CII Global Summit 2013 in New Delhi.

Suhas Pednekar, principal, Ruia College, Matunga, was among the five chemistry teachers from Mumbai who were named as best in the country.

Prakash Kumar, principal, K. J. Somaiya Institute of Engineering and Information Technology, Mumbai, was named as the best among the five teachers from the western region.

Prakash Kumar, principal, Ruia College, Matunga, was among the five chemistry teachers from Mumbai who were named as best in the country.

Prakash Kumar, principal, K. J. Somaiya Institute of Engineering and Information Technology, Mumbai, was named as the best among the five teachers from the western region.

Call for new education policy

Prakash Kumar... ing the proposed... tive manner," it underlined. "While almost all major...

CSR spend below target

FUNDS FOR A CAUSE

The Company turnover of 4 to spend at 8,000-9,000 crore.

What a Deloitte companies open 27% surplus equities.

BASANT KUMAR MORHANTY

Corporate houses engage graduates unemployable... they hardly do anything to help them find jobs.

INSTITUTE-INDUSTRY LINKAGE

Confederation of Indian Industry (CII) and the All India Council for Technical Education (AICTE) recently released the second edition of their survey regarding industry linkages of technical institutes. The survey saw participation from 1,050 institutes all over the country across engineering...

K'taka most preferred by foreign students

Prakash Kumar... an Industry (CII) and the union Human Resource Development (HRD) Ministry which was released...

NEW DELHI, DHNS: Being the IT hub of the country and the hotbed of innovation, Karnataka, not so much as a destination for foreign students.

Prakash Kumar, principal, K. J. Somaiya Institute of Engineering and Information Technology, Mumbai, was named as the best among the five teachers from the western region.

CoEP gets award in mechanical engineering

College of Engineering, Pune (CoEP) has been awarded the industry institute interaction award in mechanical engineering...

'Tech schools of South India shine in industry linkages'

BS REPORTER
New Delhi, 6 November

AICTE allows pvt firm to start technical institutes

New Delhi: In a move aimed at strengthening the country's technical education sector, the All India Council for Technical Education (AICTE) has permitted a private company to start a chain of technical institutions in the country.

The industrial firm would set up its first institution in the southern state of Tamil Nadu. The Centre had allowed private and public companies with a turnover of at least Rs 100 crore per year over a period of five years to set up technical institutes to meet the increasing demand of such institutes. They can establish new technical institutions in engineering and technology, pharmacy, architecture and town planning and hotel management catering technology.

"We had received four applications last year and permission was given to one," S S Mantha, Chairman AICTE said on the sidelines of a function organised by Confederation of Indian Industry (CII) and AICTE to release an industry-technical institute linked survey report.

Sharing the key findings of the survey with media on Wednesday, Mantha said that initiatives such as this survey were important to improve the quality of higher education.

The Centre allows private and public companies with a turnover of at least Rs 100 crore per year over a 3-year period to set up technical institutes to meet the increasing demand of such institutes.

Girls outnumber boys in medical courses

WOMEN POWER | Two lakh girls currently undergoing undergraduate medical science courses, against 1.75 lakh boys; but enrolment of boys is higher in non-medical streams

Kanchan Shivastava (@kanchan08)

More girls than boys are enrolled in medical science courses in the country.

The enrolment of boys in all streams is higher than girls, with engineering topping the chart. Medical education is an exception.

lakh and 7.8 lakh, respectively. The ratio of boys and girls in the engineering and technology streams is 7:3. Pointing out the gender disparity in universities, the report states, "In gender enrollment in higher education, the ratio of boys and girls in engineering and technology streams is 7:3."

Sex	Humanities	Engineering	Commerce	Science	Medical sciences
Female	31,29,519	6,21,090	7,63,135	6,82,568	2,01,623
Male	31,72,697	15,18,401	10,68,429	7,85,058	1,75,250

'Southern tech institutes trump rest of India'

Technical institutions in southern India have outperformed their counterparts in the rest of the country roundly on a variety of parameters, an online AICTE-CII survey has found.

Technical institutions, offering courses in engineering, management, pharmacy and architecture, were evaluated for their faculty, placements, curriculum, research and consultation and infrastructure as part of the survey.

While southern institutes achieved an average score of 30.73, northern and western regions managed 24.15 and 24.01, respectively, as compared to that.

Institutes in the central region scored 13.84, coming up last in the survey.

Although 1,050 institutions across India had offered to join the online survey, only 148 of those were shortlisted for the final round.

Interestingly, the participation of institutions from the southern region was higher, accounting for 23 per cent of all online submissions.

Sharing its key findings at a press briefing here, All India Council for Technical Education (AICTE) Chairman Dr Mantha said that such studies were important for improving the quality of higher education in the country.

As to the reasons for the south doing well in the survey, he replied that the region had some well-established technical institutions.

INDUSTRY-ACADEMIA TIE UP

Association of Chartered Certified Accountants (ACCA) recently signed a Memorandum of Understanding (MoU) with Confederation of Indian Industry (CII) to promote the sphere of higher education linkage.

Edn should be child centric: Kapil Sibal

Rooting for reforms in education system, Telecom Minister Kapil Sibal on Thursday said reforms need to be child centric so that children can pursue their own dreams and aspirations.

Referring to India's first mission to Mars, Sibal said: "When we talk about launching a satellite on to Mars, we have more than 20 million satellites in the country, our children and each satellite has its own trajectory. We should help them in finding their orbit and shine."

Speaking on the occasion of the two-day CII global summit on industry-education linkage, Sibal said that...



Union Minister for Communications and IT Kapil Sibal presenting best chemistry teachers award to Sunita Bhagat at Global University-Industry Congress 2013 in New Delhi on Thursday

Education needs to concentrate on the child and not the curriculum. Efforts should be to bring out the brilliance in the child -Kapil Sibal

a level of excellence that we have achieved which is symbolised by the launch (Mars mission) and you have the global information anytime, anywhere. The Minister added that investment in education will...

Media Coverage



उद्योग जगत के अनुरूप नहीं 80% तकनीकी संस्थान

नई दिल्ली (एजेंसी)। मानकों पर देश के करीब शिक्षण संस्थान खरे नहीं हैं भारत में तो इन संस्थानों का अखिल भारतीय तक (एआईआईटीसी) तथा भारतीय उ (एआईआईटीसी) द्वारा देश के तकनीकी शिक्षण संस्थानों के सामने आई है। परिषद के अध्यक्ष सीआईआई में उच्च शिक्षा के अंजन दास ने बयान दिया है।

उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी

सीआईआई ने की सरकार से व्यापक सुधार की मांग

सीआईआई ने शिक्षा में व्यापक सुधार के लिए श्वेत पत्र जारी किया

नई दिल्ली। भारतीय उद्योग परिषद (सीआईआई) ने उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी किया है।

शिक्षा को बच्चों पर केंद्रित होना चाहिए : सिब्वल

विशेष प्रतिनिधि नई दिल्ली। शिक्षा प्रणाली में सुधार को बकालत करते हुए दूरसंचार मंत्री कपिल सिब्वल ने आज कहा कि सुधार बच्चों पर केंद्रित होना चाहिए।

मोदी की महत्वाकांक्षी परियोजना का जिक्र कर रहे थे। सिब्वल ने कहा कि जो लोग आलोचना और विरोध पर ही अपना ध्यान पूरी तरह केंद्रित रखते हैं, वे कभी कामयाब नहीं हो सकते हैं। केंद्रीय मंत्री ने यहां पत्रकारों से कहा, हमें इन मुद्दों पर चर्चा करना चाहिए था कि हमारा देश किस तरह का हो। हम अपने बच्चों को जिन



उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी

सीआईआई ने की सरकार से व्यापक सुधार की मांग

अस्सी प्रतिशत तकनीकी शिक्षण संस्थान उद्योग जगत के अनुरूप नहीं

नई दिल्ली, 6 नवंबर (वार्ता)। भारतीय उद्योग जगत के मानकों पर देश के करीब 80 प्रतिशत तकनीकी शिक्षण संस्थान खरे नहीं हैं और उच्च शिक्षा तथा मध्य भारत में तो इन संस्थानों का काफी बुरा हाल है। अखिल भारतीय तकनीकी शिक्षा परिषद (एआईआईटीसी) द्वारा देश के तकनीकी शिक्षण संस्थानों के अंजन दास ने बयान दिया है।

सीआईआई ने शिक्षा में व्यापक सुधार के लिए श्वेत पत्र जारी की

नई दिल्ली, 8 नवंबर (वार्ता)। भारतीय उद्योग परिषद (सीआईआई) ने उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी किया है। इसमें सरकार से व्यापक सुधार तथा शिक्षा के क्षेत्र में निवेश के लिए चर्चे एवं निवेश में कर में 200 प्रतिशत की छूट देने और शिक्षा से जुड़ी परियोजनाओं को छह महीने के भीतर मंजूरी देने की मांग की है।

केंद्रीय संचार तथा सूचना एवं प्रौद्योगिकी मंत्री कपिल सिब्वल द्वारा जारी श्वेत पत्र में शिक्षा की गुणवत्ता को बढ़ाने के लिए शिक्षकों को सूचना एवं प्रौद्योगिकी के क्षेत्र में प्रशिक्षण देने एवं

कपिल सिब्वल ने किया शिक्षकों को किया पुरस्कृत

नई दिल्ली, 7 नवंबर (वार्ता)। लोक सभा की विद्युत एवं आलोकन मंत्री कपिल सिब्वल ने आज शिक्षकों को पुरस्कृत किया है।

एजुकेशन काँग्रेस कर रहा है, तब राजग सरकार ने उद्योग जगत के प्रदर्शन आदि के आधार पर किया गया है। इस तरह कुल 21 मानक शिक्षण संस्थानों को पुरस्कृत किया गया है।

श्री मंधाने ने बताया कि देश के तकनीकी शिक्षण संस्थानों के अंजन दास ने बयान दिया है।

केवल बुत बनाने से कुछ नहीं होता : सिब्वल

नयी दिल्ली, 7 नवंबर (वार्ता)। लोक सभा की विद्युत एवं आलोकन मंत्री कपिल सिब्वल ने आज कहा कि केवल बुत बनाने से कुछ नहीं होता है।

अस्सी प्रतिशत तकनीकी शिक्षण संस्थान उद्योग जगत के अनुरूप नहीं

नयी दिल्ली, 6 नवंबर (एजेंसियां)। भारतीय उद्योग जगत के मानकों पर देश के करीब 80 प्रतिशत तकनीकी शिक्षण संस्थान खरे नहीं हैं और उत्तर तकनीकी शिक्षा परिषद (एआईआईटीसी) तथा भारतीय उद्योग परिषद (सीआईआई) द्वारा देश के तकनीकी शिक्षण संस्थानों के सर्वेक्षण से यह बात सामने आयी है। परिषद के अध्यक्ष ए एस मंधाना तथा सीआईआई में उच्च शिक्षा के कार्यकारी निदेशक अंजन दास ने मीडिया को आज इस सर्वेक्षण की रिपोर्ट जारी की।

सीआईआई उद्योग जगत और शिक्षा के बीच संबंधों को मजबूत बनाने के लिए एक से दो दिवसीय ग्लोबल यूनिवर्सिटी एजुकेशन काँग्रेस कर रहा है जिसका उद्घाटन केंद्रीय संचार एवं सूचना प्रौद्योगिकी मंत्री कपिल सिब्वल करेंगे। श्री मंधाने ने बताया कि देश के तकनीकी शिक्षा संस्थानों ने इस आनलाइन सर्वेक्षण में भाग लिया और कुल 21 मानकों पर राष्ट्रीय स्तर पर तकनीकी शिक्षण संस्थानों ने औसतन 22.10 अंक प्राप्त किए।



शिक्षा प्रणाली में सुधार के लिए श्वेत पत्र जारी

नयी दिल्ली, 8 नवंबर (वार्ता)। भारतीय उद्योग परिषद (सीआईआई) ने उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी किया है। इसमें सरकार से व्यापक सुधार तथा शिक्षा के क्षेत्र में निवेश के लिए चर्चे एवं निवेश में कर में 200 प्रतिशत की छूट देने और शिक्षा से जुड़ी परियोजनाओं को छह महीने के भीतर मंजूरी देने की मांग की है।

केंद्रीय संचार तथा सूचना एवं प्रौद्योगिकी मंत्री कपिल सिब्वल द्वारा जारी श्वेत पत्र में शिक्षा की गुणवत्ता को बढ़ाने के लिए शिक्षकों को सूचना एवं प्रौद्योगिकी के क्षेत्र में प्रशिक्षण देने एवं

उनका कक्ष ढूंढने और उन्हें चमकने में

CoEP gets award in mechanical engineering

College of Engineering, Pune (CoEP) has been awarded the best industry institute interaction award in mechanical engineering for 2013 as per results of the survey of industry-linked engineering institutes undertaken jointly by the All India Council for Technical Education (AICTE) and the Confederation of Indian Industry (CII) this year. The institute won the award last year too. The award ceremony was held on November 7 at Delhi and the awards were given by Union minister Kapil Sibal. The CII in partnership with AICTE, Union government and Indian National Academy of Engineers (INAE) has been organising the annual flagship event, 'University-Industry Congress' to promote stronger industry-academia linkages.

INDUSTRY-ACADEMIA TIE UP

Association of Chartered Certified Accountants (ACCA) recently signed a Memorandum of Understanding (MoU) with Confederation of Indian Industry (CII) to promote excellence in the sphere of higher education and support university-industry linkages for better human resource and research. Through the collaboration the two agencies aim at enhancing the availability of skilled workforce in the country by raising awareness among the academia to collaborate with the industry. A closer collaboration between industry and institutions of higher education will ensure better skill sets and job-oriented training for students

HIGHER EDUCATION

A White Paper on "Administrative Reforms in Higher Education" prepared by the Confederation of Indian Industry's (CII) National Committee on Higher Education was released at the Global University-Industry Congress and 5th Global Higher Education Summit held recently. It outlined recommendations to revitalise the higher education sector in India with greater participation of the private sector in a more liberal and encouraging investment climate. For details visit: <http://www.cii.in/>

FILING PATENT, TECH TRANSFER AND RESEARCH CONSULTANCY STILL RARE: AICTE SURVEY

Academia-industry link weak

Kanchan Srivastava
@kanchanDNA

Despite extensive efforts for years to bridge the gap between industry and academia in order to improve the quality of education and impart practical skills to make engineering students job-ready, it seems little has changed so far.

The latest survey conducted jointly by the All-India Council for Technical Education (AICTE) and the Confederation of Indian Industries reveals that filing patents, intellectual property rights, technology transfer and research consultancy are still rare even in established engineering institutes in India.

South ahead of West

The southern region was the best among the eight regions surveyed. On a scale of 35, it scored 31.3 as against western region's 23.6 and northern region's 21.7. The national average was 21. The central region scored the poorest at 10. The southern region's engineering colleges were the most enthusiastic in participating in the survey with 23% (242 out of 1,050) belonging to southern region alone. East, north and south-central regions contributed only 6%, 7% and 9% institutes in the survey, respectively

"Established institutes appear to have weak linkages with industry in the areas of research and consultancy, technology transfer, interaction between faculty members and industry," states the survey report, which will be released in Delhi on Thursday. A summary of the report was shared with the media on Wednesday.

"The interaction between faculty members and industry is weak when it comes to training provided to teachers (or vice versa), faculty involvement in company boards or industry councils," states the report.

The online survey was launched by AICTE in May 2013. Out of 2,230 eligible colleges, only 660 engineering in-

Corporate houses say engg graduates are unemployable... but they hardly do anything to train students or give them projects —SK Ukarande, dean of faculty of technology, University of Mumbai

stitutes, all well-established, participated in the survey. They were evaluated on the strength and quality of their linkages with industry based on various parameters. The survey gave 98% colleges a rating of less than four on a scale of eight. On faculty-industry interaction, 93% institutes scored less than seven on a scale of 14.

A top official of an automobile company blames campuses for being a decade behind the industry and teachers for being too rigid and less-informed to collaborate for research. A CEO says had the survey been mandatory for all, the picture would have been grimmer as newer institutes have their own limitations.

However, dean of faculty of technology, University of Mumbai, SK Ukarande blamed the industry for not coming forward with a focused approach to help academia.

Ukarande also said that companies want quick results, while students take more time to complete the projects due to various compulsions.

WOMEN POWER | Two lakh girls currently undergoing undergraduate medical science courses, against 1.75 lakh boys; but enrolment of boys is higher in non-medical streams

Girls outnumber boys in medical courses

Kanchan Srivastava
@kanchanDNA

More girls than boys are enrolled in medical science courses across the country.

According to a status report on the higher education in the country, 2 lakh girls currently undergo undergrad medical courses, against 1.75 lakh boys.

The report, Annual Status of Higher Education in States and UTs in India, 2013, was released by the ministry of human resources develop-

ment and the Confederation of Indian Industry (CII) in New Delhi on Thursday.

The enrolment of boys in all streams is higher than girls, with engineering topping the chart. Medical stream, however, is an exception, the report said.

The gender gap is almost negligible in the humanities stream, with 31.3 lakh females and 31.7 lakh males undergoing undergrad courses. The science stream comes next where female and male enrolment is 6.8

lakh and 7.8 lakh, respectively.

The ratio of boys and girls in the engineering and technology streams is 7:3.

Pointing out the gender disparity in universities, the report states, "In gender terms, enrolment in higher education is skewed as 55.7% comprises males and 44.3% females."

There are 621 universities (as of 2010-11) across the country, with public universities having the highest share (45.2%). The five states

with the maximum number of universities are Tamil Nadu (59), Uttar Pradesh (56), Andhra Pradesh (46), Maharashtra (44) and Rajasthan (43).

India has 32,974 colleges (as of 2010-11), with Andhra Pradesh leading the list with 4,780, followed by Maharashtra (4,512), Uttar Pradesh (4,049), Karnataka (3,098) and Rajasthan (2,435). Besides, there are 11,139 stand-alone institutions, not affiliated to any university.

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Sex	Humanities	Engineering	Commerce	Science	Medical science
Female	31,29,519	6,21,090	7,63,135	6,82,568	2,01,623
Male	31,72,697	15,18,401	10,68,429	7,85,058	1,75,250

The ratio of boys and girls in engineering and technology streams is



THE GENDER GAP IN THE CLASSROOM

Despite state-funded educational schemes and various scholarships, the gross enrolment ratio (GER) of schedule tribe candidates in higher educational courses in India is 11.2%. As compared to 12.9% GER of boys, girl's GER is only 9.5%. GER of scheduled caste candidates is higher than the ST but it is only 13.5% (16.6% male, 12.3% female) as against the overall GER of 19.4% (20.8% male and 17.9% female)

Karnataka attracts largest number of foreign students, Maharashtra third best choice

Andhra and Maharashtra are second and third best choices with 4,698 and 4,369 foreign students

According to report, India attracts 27,531 foreign students annually out of which almost 10,100 are enrolled in Karnataka Universities and colleges



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Kudos, 2 city colleges named best in India

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Two institutes from Mumbai have bagged the award for the best industry-linked institutes in India given by the All India Council for Technical Education (AICTE) in New Delhi on Thursday. The AICTE-CII Award was bestowed on Institute of Chemical Technology in the chemical engineering category and the Bombay College of Pharmacy in the pharmacy category.

The awards were given by Union minister Kapil Sibal, at the two-day CII Global University-Industry Congress and 5th Higher Education Summit, organised jointly by the Confederation of Indian Industry (CII) and AICTE.

1 PRINCIPAL BEST CHEMISTRY TEACHER

Suhas Pednekar, principal, Ruia College, Matunga, was among the five chemistry teachers from the country who received the Tata Chemicals Best Chemistry Teachers Awards (BCTA), appreciating their exemplary work as teachers.

"It is a privilege to be given this honour. It adds responsibility to

create awareness among the youth, who must be motivated," said Pednekar.

Pednekar has been working towards promoting the use of micro-skill technique, which helps reduce pollution in science laboratories. She has also been carrying out research on green chemistry.

A total of 1,050 AICTE-approved institutes from engineering, management, pharmacy and architecture fields participated.

The Institute of Chemical Technology is a chemical engineering research institute in Matunga which was established in 1933. The Bombay

College of Pharmacy, Kalina, has been a pioneer institute in pharmaceutical education in India. The institute was started in 1957.

Indicating that there is a long way to go, SS Mantha, chairman of the AICTE, said, "The distribution of scores across various colleges, al-

though only indicative and a reflection of only the industry linkages of institutes, shows that majority (63 per cent) of colleges fall in the medium category. This is an encouraging sign and shows that though we are on the right path."

"It is the freedom that we get as a deemed university that lets us deal with the real problems. We help the industry find solutions and this is what makes us different from other institutes," said GD Yadav, vice-chancellor, Institute of Chemical Technology.

Other winners from the state include the College of Engineering, Pune, in the mechanical engineering category and Walchand Institute of Technology, Solapur, in the civil engineering category.



THE TIMES OF INDIA

NEWSFLASH

STUDENT SCHOLARSHIPS

ESADE business school has allocated 1.6 million euros in scholarships — a 37% increase over the previous year — for its Talent Scholarships, the centrepiece of the ESADE Scholarship Programme. The donors include co-laborating companies, students, alumni, clubs, chapters and various graduating classes that created collective scholarships (Lic&MBA '73, Lic&MBA '74, Lic&MBA '81, Lic&MBA '88 and BBA '13). At a scholarship ceremony, ESADE Director General Eugenia Bete observed: "These scholarships are a tool for giving future brilliant talents back to society."

TEACHERS AWARDED

Winners of the third edition of Tata Chemicals' Best Chemistry Teachers Awards (BCTA) were recently felicitated by Kapil Sibal, minister of communications and information technology and Sanjay Lal, vice-president,

corporate projects from Tata Chemicals. The awards were organised in collaboration with the Confederation of Indian Industries (CII), Association of Chemistry Teachers (ACT), Royal Society of Chemistry (RSC) and Godrej. Sunita Bhagat from ASED college, Delhi University, was awarded with the BCTA Award for the category of Best Chemistry Teacher (Bachelors degree) and Anil Elias from IIT Delhi was awarded with the BCTA Award for the category of Best Chemistry Teacher (For Masters degree).

INNOVATION CENTRE

NIT University (NU) has announced the launch of a Microsoft Innovation Centre (MIC) on its campus in Neemrana. A 'Collaboration Agreement' was signed to formalise the partnership between Microsoft and NIT University in the presence of Vijay Thadani, co-founder, NIT University, Rajendra Pandey, president, NIT University and Bhaskar Pramanik, chairman, Microsoft Corporation (India) Private Limited. Speaking on the occasion, Vijay Thadani, co-founder, NIT

University, said, "The unified purpose of promoting a research-centric approach, for developing skilled manpower for the Global IT Industry has brought NIT University and Microsoft together, to launch Microsoft Innovation Centre at our University campus in Neemrana. Through this initiative we aim to foster the spirit of innovation and entrepreneurship in our students."

BLOOD DONATION

MS Noida, in collaboration with Rotary E Club of District 3010, organised a blood donation camp on campus today. Around 100 students and faculty members participated in the camp. The event started with lamp lighting by the chief guest of the occasion CA Vinod Bansal, district governor, Rotary Club 3010, Rajender Jain, secretary, Rotary Club, MS president, Raveer Kt Gupta and adviser Alek Aggarwal. Rotary E Club has also announced another charity project, 'safe drinking water for all'. Lionses club & Salam Namstey Radio sponsored t-shirts, bags, sippers and other gifts to the donors and Volunteers.

Foreign plans for India

TIMES NEWS NETWORK

A collaborative approach, which is mutually beneficial, is the way forward for foreign stakeholders keen to enter the Indian market. "The entry of foreign universities to India is a good move, but it needs to be regulated," said MA Venkataraman, vice-provost, strategic initiatives and professor of business at Indiana University, US. He further added, "Best way to enter the Indian higher education market would be through partnerships — in research, curriculum

development, faculty & student exchange, and so on. It has to be beneficial for both partners."

Echoing a similar view, Ravneet Pahwa, country

benefits the community." The views were shared at a panel discussion on 'foreign education providers and their India plans,' as part of the AICTE-CII

demographic exchanges, curriculum development as part of the plans for India. The ministry of human resource development (MHRD) recently decided to allow the top 400 global institutions to enter India via an executive order.

The ministry is now working on regulations under the University Grants Commission Act (UGC), which will enable foreign institutions to start operations without an Indian partner, which is currently a requirement.



Best way to enter the Indian higher education market would be through partnerships that are beneficial for both partners

director — India, Deakin University, Australia, said: "We have to engage with the country and also focus on what are the gaps and how we can help. We have to work in collaboration so that it

Global University-Industry Congress held in Delhi last week.

Interestingly, none of the speakers mentioned setting up of campuses but elaborated on research collaboration, aca-



Only Handful Of Professors Collaborate With Firms On Projects, Says AICTE-CII Report

Engg faculty have little exposure TO INDUSTRY: STUDY



M Ramya | TNN

Many engineering colleges have woken up to the fact that industry-institute linkages are important to ensure campus placements, and draw up an updated curriculum in line with industry needs, but few help industry convert patents into products.

An analysis of AICTE-CII Survey of Industry-Linked Technical Institutes 2013 shows that only 1% of 825 technical institutes do consultancy work or research projects for industry. Another area that institutes struggle with is industry-faculty interface or faculty providing training for industry. None of the institutes secured top marks in this parameter. The survey rates colleges on the level of industry collaboration on five factors — governance, placements, infrastructure, curriculum, faculty and research.

"The onus is on individual teachers

to interact with industry. Most of them just want to publish papers in journals, not engage in industry collaboration," said A Dhirajlal, secretary, Sona College of Technology.

The survey said institutes have the strongest linkages with industry in governance by including industry representatives on their board of governors; in placements; and by adding industry inputs to their curriculum.

OUT OF CLASS

Of the 825 colleges, 26% achieved the highest rating in governance. This follows the recent mandate that all higher educational institutions must be accredited and have an industry personnel on the board of governors.

In placements, 19% of the institutes received the highest rating, while 11% were in the top band when it came to getting inputs on curriculum from industry. The slowdown has taught

institutes, particularly in TN, the importance of forming industry links to ensure placements. As autonomous institutions are allowed to frame their own curriculum, this aspect of industry-institute ties has improved.

The report said all institutes struggled to secure on industry involvement in research activities. "It appears that institutes are rarely contracted to conduct research projects by companies, nor do they make technology transfers to industry," the report said.

Shalini S Sharma, head, higher education segment, Confederation of Indian Industry, said that consultancy and research support is the most important thing industry looks for in an institute. "It's also the most difficult to achieve because industry has strict deadlines, whereas academia is more into basic research rather than application-based research, so there's no time for industry to wait for results," Sharma said. "This has to change."

Times View

Industry seems to be taking an active interest in higher education in the country, but academia does not seem to be returning the favour, going by the results of the study. Industry is getting involved in how colleges are run, in formulating curriculum and hiring students, but academics seem to be out of touch with the practicalities of the working world. Doing more research, developing systems and products, consulting for industry and conducting training sessions will widen the horizons of academics. Their students will only benefit from the range of their experience.

Awards for 3 Tamil Nadu institutes

Engineering colleges from Tamil Nadu won awards for the best industry-institute linkages in three disciplines. PSG College of Technology, Coimbatore bagged the award in the electronics and communication engineering, while Kongu Engineering College in Erode, took pole position in electrical engineering, and Sona College of Technology in Salem in computer and IT. Mohan Ram of PSG said centres for excellence set up with industry collaboration helped it gain an edge. "We facilitate training for industry personnel," he said. At Kongu Engineering College, many board members are from industry. "Alumni give lectures, and update us on industry expectations," said K Narayanan of the college. Sona College of Technology said it has forged ties with local industry by offering testing services and labs. Walchand Institute of Technology, Solapur, got the award for civil engineering, and ICT Mumbai for chemical engineering.

WORKING TOGETHER

A RECENT STUDY BY AICTE AND CII RATED ENGINEERING DEPARTMENTS IN 825 COLLEGES ON INDUSTRY-ACADEMIA LINKAGE. HERE ARE SOME OF THE FINDINGS (FIGURES IN %)

CURRICULUM (training or internship)	FACULTY INTERFACE (Training to industry)	INDUSTRY INTERFACE (Contribution of industry)	RESEARCH/ CONSULTATION	PLACEMENTS (Students offered jobs)	GOVERNANCE (Members on board)
Poor 54	Poor 93	Poor 74	Poor 98	Poor 62	Poor 46
Moderate 39	Moderate 7	Moderate 21	Moderate 1	Moderate 25	Moderate 26
Good 8	Good 0	Good 5	Good 1	Good 13	Good 28

Higher Education Reforms

TIMES NEWS NETWORK

A White Paper on "Administrative Reforms in Higher Education" prepared by the Confederation of Indian Industry's (CII) National Committee on Higher Education was released at the "Global University-Industry Congress and fifth Global Higher Education Summit" recently. The paper outlines recommendations to revitalise the higher education sector in India with greater participation of the private sector in a more liberal and encouraging investment climate.

According to the report, the 12th five year plan calls for an increase in enrollment in all degree and diploma courses at the higher education level. However, the current level stands at 20 million and is projected to increase to 30 million with particularly high rates of growth in PhD, postgraduate and undergraduate technical education.

The report stresses for the need to recognise the importance of state higher education institutions which accommodate 94% of the students enrolled in government funded or government controlled private institutions. It also talks about the need to improve their status and focus on the issues related to centre-state relationship and coordination.

Citing the presence of multiple agencies with varying norms and standards as a barrier for growth, the report recommends the establishment of a single window agency with transparent and coherent norms. It also calls for administrative reforms in rules and regulations of various bodies, professional councils, UGC, AICTE, etc and for creating a synergy between them.



THE TIMES OF INDIA

3 engg colleges receive awards: Three state engineering colleges have been conferred with awards for the best college in the country in the streams of computer science and information technology, electronics and communication engineering and electrical engineering. PSG College of Technology, Coimbatore, Kongu Engineering College, Erode, and Sona College of Technology, Salem, received the awards conferred by All India Council for Technical Education and Confederation of Indian Industry (CII).

Accreditation of tech institutes should be done professionally: Sibal

Our Bureau

New Delhi, Nov. 7

Accreditation of technical institutes should be done professionally and the Government should be at an arm's length from the process, Kapil Sibal, the Union Minister for Communications and Information Technology, said.

Sibal was addressing the CII Global University-Industry Congress, organised by the Confederation of Indian Industries (CII) and the All India Council for Technical Education (AICTE) here on Wednesday.

He asked academic institutions and the industry to create enough pressure to bring about the required legislation for reforms in education, adding that investment in education would suffer in the absence of such a legislation.

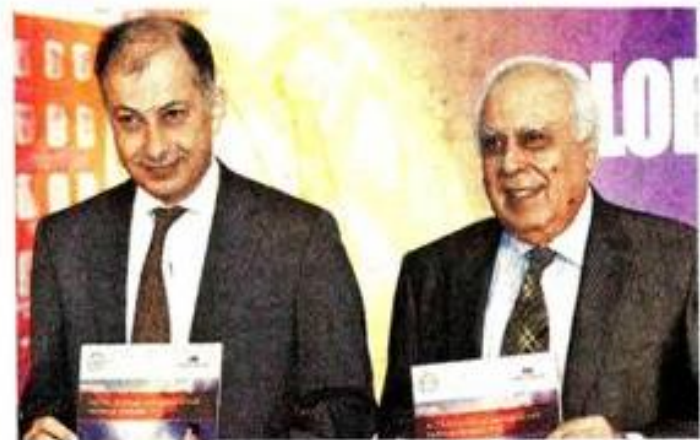
"Education should not be institution-centric, Government-centric or teacher-centric, it should be

child-centric," he said.

The Minister also released the *CII-AICTE Survey of Industry-Linked Technical Institutes 2013*, which showcased best practices of industry partnerships across AICTE-approved institutes. About 1,050 engineering, management, pharmacy and architecture institutes, and from emerging engineering and management institutes, participated in the online survey.

According to the survey's findings, South India's performance was the strongest, as participating institutes there have achieved an average score of 30.73, almost seven points ahead of the northern and western regions. Institutes in the central region recorded the lowest scores on average.

Based on the data for 885 survey participants, most institutes had strongest linkages with the industry in three areas — industry involvement in



Kapil Sibal, Union Minister for Communications and Information Technology, and Naushad Forbes release AICTE-CII Survey report in New Delhi. — R. V. Moorthy

their governance, their activity to help place students in the industry, and involvement in curricula.

However, all institutes appeared to lag in relation to industry involvement in research activities as also technology transfers.

Naushad Forbes, Chairman,

CII National Committee on Higher Education, said, "Our higher education system has problems in quality, but the system is robust. It is in industry's direct interest to foster improvements in the education system and quality that technical graduates get."

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Accreditation of tech institutes should be done professionally: Sibal

Our Bureau

New Delhi, Nov. 7

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Sibal was addressing the CII Global University-Industry Congress, organised by the Confederation of Indian Industries (CII) and the All India Council for Technical Education (AICTE) here on Wednesday.

LEGISLATION

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CA body, CII ink pact

New Delhi, Nov. 13

The Association of Chartered Certified Accountants (ACCA) has signed a memorandum of understanding with the Confederation of Indian Industry to promote excellence in the sphere of higher education and support university-industry linkages for better human resource and research. The MoU was signed by Anjan Das, Executive Director, CII, and Lucia Real-Martin, Director – Emerging Markets (Asia), ACCA. The initiative aims to enhance the availability of skilled workforce in the country by raising awareness among the academia to collaborate with the industry. Agreements have also been signed for closer collaboration between industry and institutions of higher education to ensure better skill sets and job-oriented training for students. — **Our Bureau**

Sibal calls for child-centric approach to education

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The academia-industry handshake

Ayesha Banerjee

ayesha.banerjee@hindustantimes.com

Forbes Marshall Limited, a Pune-based company working in the area of process efficiency and energy conservation, some time back, donated ₹50 lakh to the College of Engineering, Pune, an autonomous institute of the government of Maharashtra. This donation was in kind, not cash. The students had to develop a steam power plant on campus. One batch of students worked on the design, the next batch procured the material, the third worked on assembling it, the fourth looked after the distribution, and the fifth is working on steam generation. It's being done step by step, over four to five years. Now a generator is being developed, to be run by steam turbines and the power that will be produced will be supplied to one of the labs on campus. "So, thanks to a company, our students are now experienced in developing a steam power plant," says Anil D Sahasrabudhe, director of the college.

Established in 1854, the institute is the third oldest engineering college in Asia. The long history and the fact that Pune is a big industry hub in terms of automotive and mechanical industries has helped. "We have always had good opportunities and by the 1940s and 50s, when the industry started booming, we developed a strong culture of interaction with the industry

INSTITUTES ON TOP



HT FILE PHOTO

- **Computer/IT engineering:** Sona College of Technology
Interaction: With 54 companies. Tie-ups with Cisco, Oracle, IBM and Infosys for internships, industrial visits and in-plant training
Patents filed: Three
 - **Electronics and communications engineering:** PSG College of Technology
Interaction: Industries represented in board of studies and advisory council.
 - **Civil engineering:** Walchand Institute of Technology (WIT)
Interaction: About 409 services assigned to WIT by industry
 - **Electrical engineering:** Kongsu Engineering College
Interaction: Has 32 industry representatives on its board of governors. Assigned 72
- services by the industry for research etc
- **Chemical Engineering:** Institute of Chemical Technology
Interaction: Doing contractual research and providing advisory services to companies. Has 21 industry-sponsored endowment faculty chairs
 - **Management:** XLRI, Jamshedpur
Interaction: About 16 members on board of governors. Faculty provides training to about 60 companies. Has 80 visiting faculty from top companies of the country
 - **Mechanical engineering:** College of Engineering, Pune
Interaction: Students sent on six industrial visits in a year. About 41 companies provided internship training

- even before the IITs came into the picture," says Sahasrabudhe. Industry-related projects have come into the college even for the postgraduate programmes.

As part of the 'sandwich' B.Tech programme, the students spend one year in any industry out of the four years. The fact that the industry became autonomous

from 2003-04 allowed the administration to build a curriculum around industry-academia participation. "We have industry representatives in all disciplines in our Study Board, they suggest what is required and accordingly we tailor make our courses," Sahasrabudhe adds.

The College of Engineering is among seven institutes that scored high in a survey by the All India Council for Technical Education (AICTE) and the Confederation of Indian Industry (CII) of industry-linked technical institutes. In its second year, the survey, from May to June 2013, was conducted through institutes logging in to the AICTE portal. Participants provided information for evaluation on the basis of curriculum, faculty infrastructure, research and consultation, placements and governance.

In 2012, the focus was only on engineering institutes approved by AICTE in six basic subject streams: Mechanical, civil, electronics and communications, computer and IT, electrical and chemical. This year, the scope was expanded to include all streams of engineering and management, pharmacy and architecture. The number of participated academic institutes has also jumped from 156 last year to 1,050 in 2013.

This is one of the most natural things to have happened and should have happened a long time ago," says Dr SS Mantha, chairman, AICTE.

A VIABLE HANDSHAKE

COLLABORATE

Industries and universities come together to provide more opportunities

Ayesha Banerjee

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Different universities are collaborating with industries in order to give the students a taste of the real world and give them more opportunities not just for study and learning but for work as well

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■ Experts have called this collaboration a natural thing to have happened

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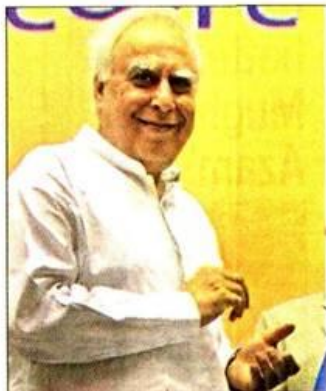
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Education should be child centric, says Kapil Sibal



● Telecom minister Kapil Sibal FILE PHOTO

Press Trust of India

Rooting for reforms in education system, Telecom Minister Kapil Sibal today said reforms need to be child centric so that children can pursue their own dreams and aspirations.

Referring to India's first mission to Mars, Sibal said: "When we talk about launching a satellite on to Mars, we have more than 220 million satellites in the country, our children and each satellite has its own trajectory. We should help them in finding their orbit and shine." Sibal has previously held HRD and Science & Technology Ministries.

Speaking in New Delhi on the occasion of the two-day CII global university-industry congress, the Minister said that education needs to concentrate on the child and not the curriculum. Its efforts should be to bring

out the brilliance in the child.

He also propagated a 10-year vision to create a road map to facilitate reforms in education to ensure that India comes to the forefront of world's education scene.

Commenting on the plight of education, Sibal said that ironically, while, satellite (Mars Mission) is being guided, "many institutions under the AICTE, engineering institutions, are closing down in India.

"They are winding up because of lack of quality and a feeling among students that

Our children and each satellite has its own trajectory. We should help them in finding their orbit and shine

KAPIL SIBAL, telecom minister

these institutions lack on individual structure and other things," he said.

He further said: "We have a level of excellence that we have achieved and you have the lack of excellence that is staring us in the face and that is the irony of India."

He emphasised on the need to make education compatible to leverage technological advancements like cloud computing and low cost access devices. Sibal advocated providing students with low-cost devices that can facilitate access to educational material and global information anytime, anywhere.

The Minister added that investment in education will suffer in absence of legislation saying it could create chaos and uncertainty. He called on academic institutions and industry to create enough pressure to bring about the required legislation for reforms in education.

SEARCH FOR EXCELLENCE

'Real linkages happening only in engg institutes'

Working on the AICTE-CII Survey of Industry-linked Technical Institutes 2013 has been quite an experience for people like Shalini S Sharma, head-higher education, CII; Lucia Real-Martin, director, emerging markets - Asia and Aziz Tayyebi, head of international development, both from the Association of Chartered Certified Accountants (ACCA) and Manoj Kulkarni, vice president - human resources, Pannar Industries.

What was interesting for Sharma was the discovery that "real linkages between academia and industries are happening only in engineer-

ing. Institutes are getting actual projects and offers for research from industries." Management remains confined only to the human resource part, she says. A positive outcome was that the information received this year from the academic institutes was largely valid this year. Last year's inputs were so "exaggerated" that institutes were warned they would be named on the AICTE site, Sharma reveals.

Real-Martin and Tayyebi feel the exercise has been "a big experience on practical experience and ethics." ACCA was the professional body working with CII to produce the report, conduct

workshops all around the country, making stakeholders aware of what was required for the survey and help with the data analysis.

After the institutes were shortlisted, the jury, which included Dr YS Rajan, Dr Vikram Sarabhad distinguished professor, Indian Space Research Organisation, among others, studied the papers sent by the institutes. They had to look at the courses, streams and papers. Then a further 39 institutions were short-listed and site visits were made.

Institutes now have also started recognising the importance of documenta-

tion, keeping records of interactions with industries, internship programmes or visits and lectures by industry experts, says Sharma.

Kulkarni of Pannar, who made several site visits, however, has a word of advice. "The skills development programmes of the institutes are not done in a structured manner. They don't have a very clear idea of what they are looking for. They should understand what is needed and mould their students accordingly. My onboarding is a lengthy process and I would be happy to get industry-ready professionals for my company," he adds.

AYESHA BANERJEE

AICTE report commends southern engg. institutes for industry tie-up

Vasudha Venugopal

CHENNAI: Engineering institutes in the southern part of the country fare better when it comes to industry-academia tie-ups, a survey conducted by CII and AICTE has revealed.

Performance of these institutes in the management discipline, however, is lower than that of colleges in northern and western India.

AICTE chairman S.S. Mantha said the findings were a benchmark that would help colleges and companies to collaborate better. The report states that only one in five established engineering colleges in the country is in synergy with industry.

The survey, said AICTE officials, was the first comprehensive effort to analyse the quality of linkages between the country's engineering schools and industry. A total of 1,050 survey responses were received for the online survey, after which members of the ju-

• **However, their performance in management is low, finds survey by CII and AICTE**

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ry visited 37 short-listed institutes in October in order to obtain onsite verification of their online survey scores.

AICTE officials said institutes from the southern region achieved an average final score of 31, nine points ahead of the national average and almost seven points ahead of that of the northern and western regions. Institutes in the central region recorded the lowest scores on average, around eight points below the national average.

Additionally, according to the report, emerging engineering institutes from the southern region achieved the highest average survey scores, almost eight points ahead of the western and northern regions. Tamil Nadu has over 550 engineering institutions.

Management institutes from the south-central region however recorded the lowest average online survey score.

Thangam Meganathan, chairperson, Rajalakshmi Institutions, said institutions in south India have traditionally been better than others in engineering and technology but have lagged behind in management education. "The desire for collaboration is more prevalent in engineering colleges here because the IT industry is an HR-intensive industry. Now, companies come here not only for placements but also to seek help for their technical problems. The situation is not that promising in the manufacturing sector."

K. Purushottaman, regional director, NASSCOM, said the performance of the colleges was directly related to their efforts in co-ordination with the industry. "Besides companies such as IBM, Accenture, TCS and Cognizant reaching out to students on campuses, professors and students have been taking individual interest in IT conferences by attending them or following them online. This has strengthened corporate presence on campuses."

However, not all heads of institutions are happy with the report as they feel it is not adequately representative.

S. Vaidhyasubramaniam, dean (planning and development), SASTRA University, said the survey is a job half-done, as it looks only at superficial relations between colleges and companies, limited to placements and internships. "It misses the research collaborations that many IITs, NITs and deemed universities have initiated with companies."

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THE  HINDU

South tops survey of tech institutes

Technical institutions in southern India have outperformed their counterparts in the rest of the country, an online AICTE-CII survey has found. These institutions, offering courses in engineering, management, pharmacy and architecture, were evaluated for their faculty, placements, curriculum, research, consultation and infrastructure.

While southern institutes achieved an average score of 30.73, northern and western regions attained 24.15 and 24.01, respectively.

Institutes in the central region scored 13.84, coming last in the survey. Although 1,050 institutions across India had offered to join the online survey, only 148 were shortlisted for the final round.

The participation of institutions from the southern region was higher, accounting for 23 per cent of all online submissions. All India Council for Technical Education (AICTE) chairman Dr Mantha said that such studies were important for improving the quality of higher education in the country.

As for the reasons for the south doing well in the survey, he replied that the region had some well-established technical institutions.

Dr. YS Rajan, senior professor of ISRO and head of the jury that evaluated the survey, said the findings were a mirror in which the institutes can evaluate where they stand and how they need to improve on various parameters.

PTI

उच्च शिक्षा में सुधार के लिए श्वेत पत्र जारी

सीआईआई ने की सरकार से व्यापक सुधार की मांग

नई दिल्ली (एजेंसी)। भारतीय उद्योग परिसंघ (सीआईआई) ने उच्च शिक्षा के क्षेत्र में श्वेतपत्र जारी कर सरकार से व्यापक सुधार तथा शिक्षा के लिए चंदा एवं निवेश में कर में 200 प्रतिशत की छूट देने और शिक्षा से जुड़ी परियोजनाओं को छह महीने के भीतर मंजूरी देने की मांग की है।

केंद्रीय संचार तथा सूचना एवं प्रौद्योगिकी मंत्री कपिल सिब्बल द्वारा बृहस्पतिवार को ग्लोबल एजुकेशन इंडस्ट्री कांग्रेस में जारी श्वेत पत्र में शिक्षा की गुणवत्ता को बढ़ाने के लिए शिक्षकों को सूचना एवं प्रौद्योगिकी के क्षेत्र में प्रशिक्षण देने एवं उनके कौशल विकास की भी सिफारिश की है। श्वेत पत्र में कहा गया है कि इस

समय देश में 700 विश्वविद्यालय तथा 36000 कालेज हैं और उच्च शिक्षा में करीब ढाई करोड़ छात्र हैं तथा दाखिला दर 19.4 प्रतिशत है।

12वीं योजना तक इनकी संख्या तीन करोड़ से अधिक हो जाएगी। 2030 तक

दाखिला दर 30 प्रतिशत हो जाएगी। देश में 52 प्रतिशत शिक्षण संस्थान अब निजी क्षेत्र में हैं। ऐसे में सरकार को काफी धन जुटाने की जरूरत पड़ेगी और इसके लिए उद्योग जगत को अधिक धन निवेश करने पर उन्हें करों में अधिक छूट तथा परियोजनाओं की तत्काल

मंजूरी देने के लिए प्रशासनिक सुधार एवं नौकरशाही की अड़चनों को दूर करने की आवश्यकता है।

श्वेत पत्र में कहा गया है कि शिक्षा से जुड़ी परियोजनाओं को तीन से छह महीने तक की निश्चित अवधि में मंजूरी दी जानी चाहिए तथा शैक्षणिक संस्थानों को मान्यता देने की प्रक्रिया में भी सुधार लाने की

आवश्यकता है। श्वेत पत्र में नए कंपनी कानून के तहत कारपोरेट सामाजिक दायित्व के तहत दो प्रतिशत की राशि खर्च करने की अनिवार्यता को पूरा करनेके लिए शोध एवं अनुसंधान कार्यों को बढ़ावा दिया जाना चाहिए।

■ सीआईआई के श्वेत पत्र में कहा गया है कि नए कंपनी कानून के अनुच्छेद 25 की धारा 8 के तहत दर्ज शैक्षिक संस्थानों को देश एवं विदेश में पूंजी निवेश की इजाजत दी जानी चाहिए

■ मकान लोन की तरह शिक्षा लोन भी दिया जाना चाहिए तथा ब्याज दर को काफी कम किया जाना चाहिए

शिक्षा को बच्चों पर केंद्रित होना चाहिए : सिब्बल

नई दिल्ली। शिक्षा प्रणाली में सुधार की वकालत करते हुए दूरसंचार मंत्री कपिल सिब्बल ने कहा कि सुधार बच्चों पर केंद्रित होना चाहिए ताकि बच्चे अपने सपनों एवं आकांक्षाओं को पूरा कर सकें। मंगल पर भारत के मिशन का जिक्र करते हुए सिब्बल ने कहा कि जब हम मंगल ग्रह पर उपग्रह भेजने की बात करते हैं तो हमारे देश में 22 करोड़ उपग्रह हैं, हमारे बच्चे और हर उपग्रह की अपनी राह है। हमें उनका कक्ष ढूंढने और उन्हें चमकने में सहयोग करना चाहिए। सिब्बल के पास पहले मानव संसाधन और विज्ञान एवं प्रौद्योगिकी मंत्रालय थे। सीआईआई के दो दिवसीय वैश्विक विश्वविद्यालय-उद्योग कांग्रेस के अवसर पर मंत्री ने कहा कि शिक्षा बच्चों पर केंद्रित होनी चाहिए न कि पाठ्यक्रम पर। इसका प्रयास बच्चों में प्रतिभा को निखारना होना चाहिए। ■



उद्योग जगत के अनुरूप नहीं 80% तकनीकी संस्थान

नई दिल्ली (एजेसी)। भारतीय उद्योग जगत के मानकों पर देश के करीब 80 फीसद तकनीकी शिक्षण संस्थान खरे नहीं हैं। उत्तर भारत तथा मध्य भारत में तो इन संस्थानों का काफी बुरा हाल है।

अखिल भारतीय तकनीकी शिक्षा परिषद (एआईटीसी) तथा भारतीय उद्योग परिसंघ (सीआईआई) द्वारा देश के तकनीकी शिक्षण संस्थानों के सर्वेक्षण से यह बात सामने आई है। परिषद के अध्यक्ष एस मंथा तथा सीआईआई में उच्च शिक्षा के कार्यकारी निदेशक अंजन दास ने बुधवार को मीडिया को आज इस सर्वेक्षण की रिपोर्ट जारी की। सीआईआई उद्योग जगत और शिक्षा के बीच संबंधों को मजबूत बनाने

के लिए बृहस्पतिवार से दो दिवसीय ग्लोबल यूनिवर्सिटी-एजुकेशन कांग्रेस कर रहा है जिसका उद्घाटन केन्द्रीय संचार एवं सूचना प्रौद्योगिकी मंत्री कपिल सिब्बल करेंगे।

मंथा ने बताया कि देश के तकनीकी शिक्षा

सीआईआई की रिपोर्ट

संस्थानों ने इस आनलाइन सर्वेक्षण में भाग लिया और

कुल 21 मानकों पर राष्ट्रीय स्तर पर तकनीकी शिक्षण संस्थानों ने औसतन 22.10 अंक प्राप्त किए। दक्षिण के तकनीकी संस्थान 30.73 फीसद अंक के साथ हैं जबकि मध्य भारत के संस्थानों को 13.84 अंक दिए गए एवं पूर्वी भारत के तकनीकी संस्थानों को 18.60 अंक मिले।

अरसी प्रतिशत तकनीकी शिक्षण संस्थान उद्योग जगत के अनुरूप नहीं

नई दिल्ली, 6 नवंबर (वार्ता)। भारतीय उद्योग जगत के मानकों पर देश के करीब 80 प्रतिशत तकनीकी शिक्षण संस्थान खरे नहीं हैं और उत्तर भारत तथा मध्य भारत में तो इन संस्थानों का काफी बुरा हाल है।

अखिल भारतीय तकनीकी शिक्षा परिषद (एआईटीसी) तथा भारतीय उद्योग परिसंघ (सीआईआई) द्वारा देश के तकनीकी शिक्षण संस्थानों के सर्वेक्षण से यह बात सामने आयी है।

परिषद के अध्यक्ष ए.एस. मंथा तथा सीआईआई में उच्च शिक्षा के कार्यकारी निदेशक अंजन दास ने मीडिया को आज इस सर्वेक्षण की रिपोर्ट जारी की। सीआईआई उद्योग जगत और शिक्षा के बीच संबंधों को मजबूत बनाने के लिए कल से दो दिवसीय ग्लोबल यूनिवर्सटी,

एजूकेशन कांग्रेस कर रहा है, जिसका उद्घाटन केन्द्रीय संचार एवं सूचना प्रौद्योगिकी मंत्री कपिल सिब्बल करेंगे।

श्री मंथा ने बताया कि देश के तकनीकी शिक्षा संस्थानों ने इस आनलाइन सर्वेक्षण में भाग लिया और कुल 21 मानकों पर राष्ट्रीय स्तर पर तकनीकी शिक्षण संस्थानों ने औसतन 22.10 अंक प्राप्त किए। दक्षिण के तकनीकी संस्थान 30.73 प्रतिशत अंक के साथ हैं, जबकि मध्य भारत के संस्थानों को 13.84 अंक दिए गए एवं पूर्वी भारत के तकनीकी संस्थानों को 18.60 अंक मिले। इन संस्थानों में इंजीनियरिंग प्रबंधन फार्मसी एवं आर्किटेक्चर के कालेज हैं।

श्री मंथा ने बताया कि इन कालेजों का सर्वेक्षण उनके पाठ्यक्रम, आधारभूत सुविधाओं,

शिक्षकों की गुणवत्ता, शोध कार्य तथा रोजगार पाने में छात्रों के प्रदर्शन आदि के आधार पर किया गया है। इस तरह कुल 21 मानक बनाए गए हैं। उन्होंने बताया कि देश के तकनीकी शिक्षण संस्थान उद्योग जगत की जरूरतों के अनुरूप नहीं है, क्योंकि उनमें गुणवत्ता की भारी कमी है। उन्होंने कहा कि देश के आर्थिक विकास के लिए इन संस्थानों को मजबूत बनाया जाना बेहद जरूरी है। सीआईआई ने कुछ वर्षों से उद्योग जगत और इन शैक्षिक संस्थानों के बीच संबंधों को मजबूत बनाने के लिए कई कदम उठाए हैं। उद्योग जगत ने शोध कार्य के लिए एक-एक करोड़ रुपये की पांच परियोजनाएं शुरू की हैं और हर साल सौ प्रधानमंत्री फैलोशिप देना शुरू किया है, जिनमें प्रत्येक छात्र को पीएचडी के लिए चार साल तक

हर महीने पचास हजार रुपये फैलोशिप दी जाती है।

केवल बुत बनाने से कुछ नहीं होता : सिब्वल

नयी दिल्ली, 7 नवम्बर (वार्ता)। केन्द्रीय कानून एवं संचार मंत्री कपिल सिब्वल ने आज गुजरात के मुख्यमंत्री नरेंद्र मोदी की सरदार पटेल की विशालकाय प्रतिमा बनाने की योजना पर अप्रत्यक्ष रूप से निशाना साधते हुए कहा कि केवल बुत बनाने से कुछ नहीं होता। बल्कि लोगों के दिलों को जोड़ने की बात करनी चाहिए।

श्री सिब्वल ने यहां भारतीय उद्योग परिसंघ द्वारा आयोजित ग्लोबल एजुकेशन इंडस्ट्री कांग्रेस का उद्घाटन करने के बाद पत्रकारों से बातचीत में यह बात कही। उन्होंने श्री मोदी का नाम लिए बगैर कहा कि देश में आज-कल बड़ी-बड़ी बातें हो रही हैं। कुछ

लोग सरकार की दिन रात आलोचना करते रहते हैं पर उनके पास अपना विजन (दृष्टि) क्या है। उन्होंने पूछा कि क्या उनके पास लोगों के स्वास्थ्य के लिए कोई नीति है। क्या उनके पास शिक्षा की कोई नीति है। आखिर हुए कहा कि केवल बुत बनाने से कुछ नहीं होता। बल्कि लोगों के दिलों को जोड़ने की बात करनी चाहिए।

इससे पहले श्री सिब्वल ने देश में बंद हो रहे इंजीनियरिंग कॉलेजों पर चिन्ता व्यक्त करते हुए कहा कि देश में जब तक शिक्षा व्यवस्था सवायत एवं मुक्त, नहीं होगी। तब तक शिक्षा की गुणवत्ता नहीं सुधर सकती है।

श्री सिब्वल ने कहा कि कोई भी राजनीतिक दल भविष्य की बात नहीं करता सभी अतीत की बात करते हैं। वर्ष 2025 में क्या हो उसकी बात कोई नहीं करता। इस देश में अजीब तरह का विमर्श चल रहा है, जिसमें लोग सरकार की केवल आलोचना करते हैं पर कोई अपनी नीति नहीं बताता। पिछले इस साल में किसी पार्टी ने वह नहीं बताया की उसकी शिक्षा नीति क्या है। उन्होंने कहा कि अकादमिक जगत और उद्योग जगत से भी किसी ने आवाज नहीं उठायी कि शिक्षा की नीति क्या है।



उन्होंने कहा कि जब तक विश्वविद्यालय पर अकादमिक शैक्षिक और एक्सक्यूटिव कौंसिल का शिकंजा बना रहेगा, तब तक शिक्षा के क्षेत्र में सुधार नहीं हो सकता। उन्होंने कहा कि दुनिया

के किसी शैक्षिक संस्थान में हस्तक्षेप नहीं होने पर हमारे यहां विश्वविद्यालयों में कुलपति की नियुक्ति भी राज्यों के मुख्यमंत्रियों की पसंद से होती है। जब तक राजनीतिक हस्तक्षेप नहीं बंद होगा और लोगों के निजी स्वार्थ जब तक हावी रहेंगे। इस देश में शिक्षा में सुधार नहीं हो सकता है। उन्होंने कहा कि

इसके लिए हमारी राजनीति और लोगों की मानसिकता को भी बदलना होगा। इसके अलावा विश्वविद्यालयों में प्रशासनिक ढांचे को भी बदलना होगा। उन्होंने कहा कि शिक्षा में सुधार लाने के लिए हमें अगले दस पंद्रह वर्षों में बच्चे के हाथ में सस्ते टेबलेट देने होंगे और सभी छात्रों को दुनिया का सारा ज्ञान इंटरनेट पर उपलब्ध कराना होगा तथा कलाउड कम्प्यूटिंग के जरिए शिक्षा सामग्री मुहैया करानी होगी एवं नेट पर वर्चुअल लैब बनाना होगा। उन्होंने कहा कि पूरे देश में सेमेस्टर सिस्टम लागू करने तथा क्रेडिट प्रणाली लागू करने से ही शिक्षा में पूरे देश में एक रूपता आएगी और कोई

छात्र कहीं भी अपनी पढ़ाई कर सकेगा। उन्होंने शिक्षा में सुधार के लिए उद्योग जगत और अकादमिक जगत के संबंधों को मजबूत बनाने की भी अपील की। समारोह में श्री कपिल ने अखिल भारतीय तकनीकी शिक्षा परिषद् तथा सीआईआई द्वारा तैयार तकनीकी शिक्षा संस्थानों की सर्वेक्षण रिपोर्ट भी जारी की और श्रेष्ठ तकनीकी संस्थानों तथा रसायन शास्त्र के शिक्षकों को पुरस्कार भी दिए। समारोह के अखिल भारतीय तकनीकी शिक्षा परिषद् के अध्यक्ष एस.एस.मर्था तथा सीआईआई शिक्षा समिति के अध्यक्ष नौशाद फ़ोक्स अली ने भी संबोधित किया।

सीआईआई ने शिक्षा में व्यापक सुधार के लिए श्वेत पत्र जारी की

नई दिल्ली, 8 नवंबर (वार्ता) । भारतीय उद्योग परिसंघ (सीआईआई) ने उच्च शिक्षा के क्षेत्र में श्वेत पत्र जारी कर सरकार से व्यापक सुधार तथा शिक्षा के लिए चंदे एवं निवेश में कर में 200 प्रतिशत की छूट देने और शिक्षा से जुड़ी परियोजनाओं को छह महीने के भीतर मंजूरी देने की मांग की है।

केंद्रीय संचार तथा सूचना एवं प्रौद्योगिकी मंत्री कपिल सिब्बल द्वारा कल ग्लोबल एजुकेशन इंडस्ट्री कांग्रेस में जारी श्वेत पत्र में शिक्षा की गुणवत्ता को बढ़ाने के लिए शिक्षकों को सूचना एवं प्रौद्योगिकी के क्षेत्र में प्रशिक्षण देने एवं उनके कौशल विकास की भी सिफारिश की है।

श्वेत पत्र में कहा गया है कि इस समय देश में 700 विश्वविद्यालय तथा 36000 कॉलेज है और उच्चशिक्षा में करीब ढाई करोड़ छात्र है तथा दाखिला दर 19.4 प्रतिशत है। और 12वीं योजना तक इनकी संख्या तीन करोड़ से

अधिक हो जाएगी। तथा 2030 तक दाखिला दर 30 प्रतिशत हो जायेगी। देश में 52 प्रतिशत शिक्षण संस्थान अब निजी क्षेत्र में हैं। ऐसे में सरकार को काफी धन जुटाने की जरूरत पड़ेगी और इसके लिए उद्योगजगत को अधिक धन निवेश करने पर उन्हें करों में अधिक छूट तथा परियोजनाओं की तत्काल मंजूरी देने के लिए प्रशासनिक सुधार एवं नौकरशाही की अड़चनों को दूर करने की आवश्यकता है।

श्वेत पत्र में कहा गया है कि शिक्षा से जुड़ी परियोजनाओं को तीन से 6 महीने तक की निश्चित अवधि में मंजूरी दी जानी चाहिए तथा शैक्षणिक संस्थानों को मान्यता देने की प्रक्रिया में भी सुधार लाने की आवश्यकता है। श्वेत पत्र में नए कंपनी कानून के तहत कारपोरेट सामाजिक दायित्व के तहत दो प्रतिशत की राशि खर्च करने की अनिवार्यता को पूरा करने के लिए शोध एवं अनुसंधान कार्यों को बढ़ावा दिया जाना चाहिए।

Survey on industry, academia linkages

TRIBUNE NEWS SERVICE

NEW DELHI, NOVEMBER 6

There has been a sevenfold increase in the response of institutions in the joint survey on industry-academia linkages by the Confederation of Indian Industry (CII) and the All India Council for Technical Education (AICTE).

From 156 entries received in the first of its kind survey of industry linkages of technical institutes last year, the number zoomed to 1,050 this year—a phenomenal 673 per cent jump. The survey which was initiated in 2012 showed a maturity level in its very second year which surpassed the expectations of the industry and academia.

ACCA signs MoU with CII

The Association of Chartered Certified Accountants (ACCA) recently signed an MoU with CII to promote excellence in the sphere of higher education and support university-industry linkages for better human resource and research.

The MoU was signed by Anjan Das, Executive Director, CII and Ms Lucia Real-Martin, Director, Emerging Markets (Asia), ACCA.

The MoU aims at enhancing the availability of skilled workforce in the country by raising awareness among the academia to collaborate with the industry. A closer collaboration between industry and institutions of higher education will ensure better skill sets and job-oriented training for students.

NEWS BOARD

Best chemistry teachers

Winners of the third edition of Tata Chemicals' Best Chemistry Teachers Awards (BCTA) were felicitated by Minister of Communications and Information Technology Kapil Sibal, and Sanjiv Lal, Vice President, Corporate Projects from Tata Chemicals last week. These awards are organised in collaboration with the Confederation of Indian Industries (CII), Association of Chemistry Teachers (ACT), Royal Society of Chemistry (RSC) and Godrej.

BCTA is a part of a larger

initiative by Tata Chemicals called the 'Human Touch of Chemistry'. The aim of these awards is to appreciate exemplary work put in by Chemistry Teachers across India.

The winners felicitated in the four distinct award categories were:

Best Chemistry Teacher (Class XI/XII) – Dr. Yogendra Kothari from Government Excellence Higher Secondary School, Madhavnagar, Ujjain

Best Chemistry Teacher (Bachelor's Degree) – Prof. Sunita Bhagat from ASRD college, Delhi University and Prof. Suhas Pednekar from Ramnarain Ruia college, Mumbai

Best Chemistry Teacher (For Master's Degree) – Prof. Anil Elias from IIT Delhi

Best Chemistry Teacher for promotion of Chemistry as a subject – Prof. Prodeep Phukan from Gawahati University, Guwahati

Summer placements

The Summer Placement process for the Class of 2015 at IIM Bangalore (IIMB) concluded recently placing the largest ever batch of the institute. A total of 135 recruiters visited the campus resulting in 398 internship offers for students of PGP programme, the flagship programme of

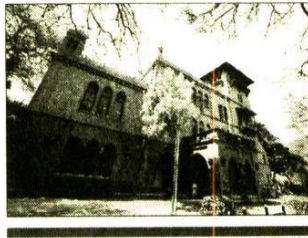
IIM, Bangalore. Five students with more than 34 months of work experience opted out of summer internship process.

According to Prof Sankarshan Basu, Chairperson, Career Development Services, "The two-month summer internship has been appreciated by companies visiting campus as it provides necessary corporate exposure making IIM Bangalore graduates ideal candidates for taking up a range of challenging managerial roles." With 106 women in the batch, students received offers from regular as well as new recruiters across sectors. —TNS

CoEP bags national award for industry-institute interaction

EXPRESS NEWS SERVICE

PUNE, NOVEMBER 8



SURVEY WAS conducted by the All India Council for Technical Education and the Confederation of Indian Industry

THE College of Engineering Pune (CoEP) has been awarded the 'Best Industry Institute Interaction Award 2013' in mechanical engineering, as per the results of a survey conducted by the All India Council for Technical Education (AICTE) and the Confederation of Indian Industry (CII).

The award was presented in the presence of Union Minister Kapil Sibal at a function recently held in New Delhi.

The survey was conducted to showcase the best practices of industry partnerships across AICTE-approved engineering institutes in basic streams like chemical, civil, computer and IT, electrical, electronics and communication and mechanical engineering. The shortlisted institutes were visited by a team comprising AICTE and CII representatives, and their feedback was

analysed to decide the winners, a release said.

"Geared up by the latest honour, CoEP continues to endeavour to bring excellence in all facets of institute functioning and create a benchmark of excellence in the field of engineering," said college director Anil Sahasrabudhe.



What we should see is a debate on issues like what kind of a country we should have. What kind of education should be provided to children.

— KAPIL SIBAL
Union Minister

Oppn Leaders Discussing Statues: Sibal

New Delhi: In an attack on the BJP's prime ministerial candidate Narendra Modi, Union Minister Kapil Sibal on Thursday said that instead of sharing their vision on issues, opposition leaders were discussing matters like erecting statues.

"The debate that we are hearing in the country is - you have done this, you have done that, you have damaged the country. Talk issues," he said, adding that the present political discourse was revolving too much around criticism and opposition.

"What is your vision on health, education? What is

your vision on the economy? What is their alternative vision? Nobody is discussing that. And what is being discussed is that we want to raise a statue. That statue-it is a feeling, you keep it in your heart. The feeling of unity arises from the heart; or can it be created by erecting statues?" he said.

Sibal was apparently referring to Modi's pet project of installing the tallest statue of Sardar Vallabhbhai Patel in Gujarat. He said that those who focussed solely on criticism and opposition, cannot succeed.

"What we should see is a

debate on issues like what kind of a country we should have. What kind of education should be provided to children to allow them to grow," he told reporters here.

Earlier, Sibal told an event organised by the CII that in India the discourse at the political level kept looking back to the past.

"In the discourse at political level, you always remember the past, we never talk about the future. That is what our Prime Minister had said in 1950. You should talk about what your PM will say in 2025," he said.

Sibal said that was the

kind of change needed and the academic world could speak out and bring that change. "People must provide a vision for the future, an alternative vision for the country. Nobody says this is my policy, this is what I want to do. They only say your policy is bad. Have you ever heard one person in the opposition saying this should be the education policy of India," he said.

"Why because they don't think about it. They only think of what wrong has been done. We are not super-humans that everything we do is right," he added. PTI

Through tie-ups with industries, institutes can monetise the intellectual property and also offer students an up-to-date curriculum

EXPORT SKILLS EXPORT KNOWLEDGE

PALLAVI REBBAPRAGADA | NEW DELHI

The youth are a powerhouse of ideas and industrial know-how turns these ideas into reality. For instance, IIT Kanpur provides human capital for Boeing's projects and the latter in turn funds learning programmes at the institute. An unbiased, boundless knowledge of technical science can hence be employed to run an industry efficiently. "I got an opportunity to work with scientists from Indira Gandhi Centre for Atomic Research, Kalpakam, who were trying to solve some practical problems faced by the nuclear industry. It exposed me to current areas of interest in the industry and revealed some of the technical challenges encountered in the job. I learned how engineering is put into practice, which is lacking in the curriculum nowadays," says Abhishata, research scholar, Center for Non Destructive Evaluation, IIT Madras. "I believe that such an interaction and exposure bridges the gap between textbook learning and the recent industrial approach to problem-solving. It can help a student become more trained and employable."

Industry partnerships have proved to be mutually beneficial – the industry makes use of the institute's consistent contributions to technological innovations and quality research done by them at a competitive cost and the institute looks to commercialise its intellectual property through entrepreneurial ventures. For instance, IIT Bombay (IIT-B) has tied up with Society for Innovation and Entrepreneurship and has successfully contributed to IT and software, green technology, artificial intelligence and robotics and manufacturing sectors. IIT-B has collaborated with Oil and Natural Gas Corporation, Infosys, National Thermal Power Corporation, Mahanagar Telephone Nigam Limited, Bharat Earth Movers Limited and Verifone India.

IIT KANPUR

At IIT Kanpur, Boeing has funded several projects in the following departments – mechanical engineering, aerospace engineering, electrical engineering and wind-tunnel engineering. The company chose the institute for its ability to provide expert technological research support in the form of operating models (simulation and prototypes), design and analysis. The institute currently has over 60 research engagements with the private sector including Moser Baer

India, Chevron Corporation, Hindustan Petroleum Corporation, Qualcomm Incorporated and Intel.

IIT SURATHKAL

National Institute of Technology Surathkal, Karnataka, has tapped into Karnataka's demand for power tools by enabling market-relevant skilling at the on-campus Bosch Tools Training Facility—a funding of nearly ₹70 lakh has been utilised to equip students with every conceivable industrial tool. MICO-Bosch conducts regular workshops and faculty training sessions at NIT.

IIT MADRAS

IIT Madras (IIT-M) established Industrial Consultancy and Sponsored Research (IC&SR) centre to promote industry-institute interventions in 1973. In the last four decades, the centre has partnered with Department of Science and Technology, National Technical Research Organisation, Naval Research Board and Indian Space Research Organisation. It also boasts a lengthy list of international collaborations featuring American industries like Ericsson, Delaware Water Gap Sciences, Ford Motor Company and Columbia Chemicals. "IIT Madras has set up large research centres, which work on functional nanomaterials, catalysis, solar photovoltaic systems, combustion (IC engines, rocket engines and power plants), water treatment and healthcare technology," says Bhaskar Ramamurthi, director, IIT-M.

IIT-M's annual revenue from these activities is estimated at ₹15-17 crore. The centre is currently working on assignments worth ₹1,500 million. Ongoing projects include a ₹240 million worth Nano Functional Materials Technology Centre with Murugappa Group, Orchid Chemicals and Pharmaceuticals, Smart and Secure Environment in Association of National Technical Research Organisation, worth ₹80 million, and the Facility for Spatially Resolved Magnetic Resonance Methodology Development and Applications to Investigation of a Composite Materials and Biological System worth ₹68 million. "Working closely with industries also ensures some topics are covered in detail," says Krishnan Balasubramanian, dean, IC&SR.

Establishing a research park near the institute has helped in cementing industry linkages. "In the first phase, about 50 companies set up research



Participants at a May workshop in Central Leather Research Institute, Chennai, on the AICTE-CII Survey



IIT Madras has set up large research centres, which work on functional nanomaterials, catalysis, solar photovoltaic systems, combustion (IC engines, rocket engines and power plants), water treatment and healthcare technology

— Bhaskar Ramamurthi

divisions in the park and are collaborating on a day-to-day basis with our faculty and students. Major companies having extensive collaborations with IIT-M are taking up space in the second phase. On completing this phase, the available space will triple," says Ramamurthi.

IIT DELHI

IIT Delhi has been functioning with an industrial interface – Foundation for Technology Transfer (FTT) – for more than 20 years. FTT has over 130 corporate members (LG Electronics India, Lumious 'over Technologies, Danfoss Industri, Canon India, Ester Industries, Bony Polymers, Reliance Industries, Iero MotoCorp, Tata Industries, Larsa and Toubro, etc), who constantly appraise the institute's initiatives.

SURVEY

Drawing the society's attention to the

and university departments, which have been in existence for a minimum of 10 years were considered. These institutes should also be offering a minimum of three major engineering courses like chemical engineering, civil engineering, computer and IT engineering, electrical engineering, mechanical engineering and electronics and communication engineering.

In the second phase, the short-listed institutions filled in their survey responses through their AICTE institute login ID. Scores were obtained by evaluating institutes against the following parameters – Governance (10 per cent), Curriculum (15 per cent), Faculty (15 per cent), Infrastructure (10 per cent), Services (20 per cent), Entrepreneurs (10 per cent) and Placements (20 per cent).

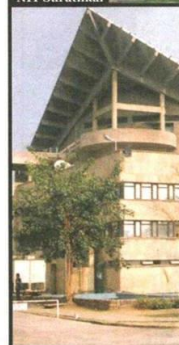
In Governance, presence of industry members in the board of governors and other committees was assessed. In Curriculum, the average duration of industrial training or internships and number of industry visits and guest lecturers was noted. In Faculty, teachers in industry boards and those trained by industry were taken into account. In Infrastructure, the number of cells and centres financed by industry were factored in. The Services section evaluated the university's research projects and technology transfers to industry and the Placement segment kept a track of jobs offered to students in core companies. Finally, the Entrepreneurship section looked at innovation initiatives supported by industry. The data was evaluated by a high-level jury and a team comprising AICTE and CII representatives visited select colleges to ensure the submitted data was valid. Their feedback was then analysed to arrive at the winners announced on November 11.

Universities are buttressing their industry linkages through independent agencies. Lucia-Real Martin, director, emerging markets, Association of Chartered Certified Accountants, says, "There is a growing appetite for advanced accreditation in India. Not just private institutes like Symbiosis and Christ Universities, but government organisations also want to tie-up with us for an edge in the market." Collaborations between government bodies, institutes and industry players have ensured the great Indian engineering dream doesn't turn into a desperate nightmare.

A detailed two-phase survey of industry linkages of colleges was conducted. AICTE-approved engineering institutes



NIT Surathkal



IIT Delhi



IIT Kanpur

SURVEY HIGHLIGHTS



- Established engineering institutes appear to have relatively weak linkages to industry in the area of research and consultancy.
- Faculty involvement in company boards or industry councils is typically weak.
- Poor industry involvement in research activities of institutes.
- The central region recorded the lowest scores, about eight points below the national average.
- Industry involvement in governance and curricula of institutes and activities to place students in industry roles are going strongly.
- Most established institutes have more than six industry members on their board of governors or advisory councils.
- The southern region has the strongest industry links, about seven points ahead of the northern and western regions.

WINNERS

SONA COLLEGE OF TECHNOLOGY, TAMIL NADU
Winner in Computer and IT Engineering. The departments have interactions with 54 companies including Cisco, Oracle and IBM. Industry is represented in academic bodies and faculty is on boards of companies.

PSG COLLEGE OF TECHNOLOGY, TAMIL NADU
Winner in Electronics and Communications Engineering. The institute has entered into partnerships with Agilent, Cognizant and Cordys for projects like open source software libraries and industry training.

WALCHAND INSTITUTE OF TECHNOLOGY, MAHARASHTRA
Winner in Civil Engineering. Organised 12 guest lectures from industry experts and senior academicians in 2012-13. Civil Engineering faculty members are on the board of 11 companies.

KONGU ENGINEERING COLLEGE, TAMIL NADU
Winner of Electrical Engineering. The college has set up a Technology Incubator for nurturing entrepreneurship and product/service

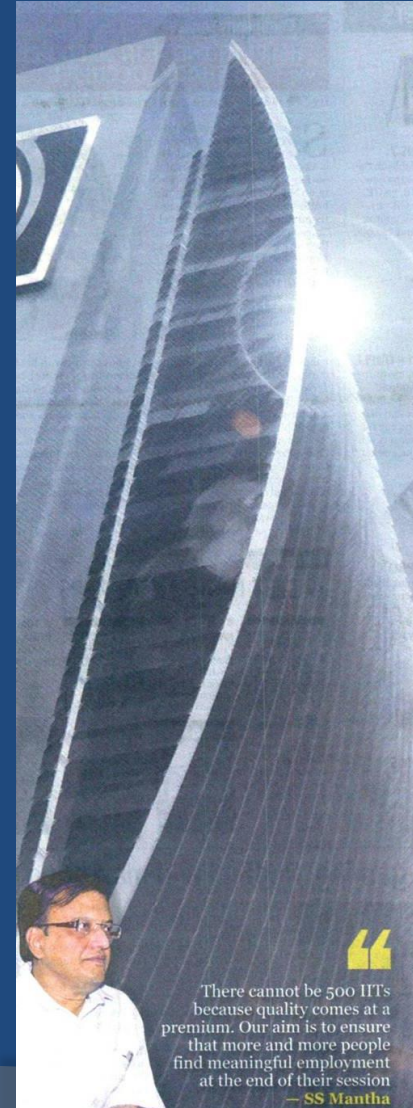
development in hi-tech electronics.

INSTITUTE OF CHEMICAL TECHNOLOGY, MAHARASHTRA
Winner in Chemical Engineering. The institute has 21 industry-sponsored end-time faculty chairs working as full-time faculty members.

XLRI, JHARKHAND
Winner in Management. The institute has 80 visiting faculty from top companies and its entrepreneurial cell, Aarambh, is dedicated to the promotion of entrepreneurial spirit among students.

COLLEGE OF ENGINEERING, MAHARASHTRA
Winner in Mechanical Engineering. The college filed 11 patents in 2012-13. One patent has already been granted and a total of 29 infrastructure projects are sponsored by industry.

BOMBAY COLLEGE OF PHARMACY
Winner in Pharmacy. The college has completed more than 300 industry-sponsored projects since its inception.



There cannot be 500 IITs because quality comes at a premium. Our aim is to ensure that more and more people find meaningful employment at the end of their session

— SS Mantha

The Statesman

Education must be made child-centric: Sibal

STATESMAN NEWS SERVICE
New Delhi, 7 November

Telecom Minister Kapil Sibal today made a strong plea for reforming the education system to make it child-centric so that children can pursue their own dreams and aspirations.

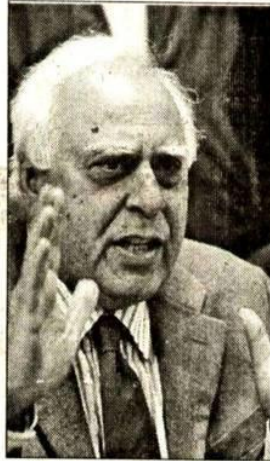
Speaking at the two-day CII global university-industry congress here, he referred to the Mars mission. "When we talk about launching a satellite on to Mars, we have more than 220 million satellites in the country, our children and each satellite has its own trajectory. We should help them in finding their orbit and shine."

Mr Sibal, who was the earlier HRD Minister, said education needs to concentrate on the child and not the curriculum.

Its efforts should be to bring out the brilliance in the child.

He outlined a 10-year vision to create a road map to facilitate reforms in education to ensure that India comes to the forefront of world's education scene.

Mr Sibal said it was



indeed ironical that while there is a level of excellence that has been achieved symbolised by the Mars mission launch, the lack of excellence was also staring one in the face.

He said investment in education will suffer in the absence of legislation and create chaos and uncertainty.

He called on academic institutions and industry to create enough pressure to bring about the required legislation for reforms in education.

Prized models in education

AT A RECENT EVENT THAT AWARDED DESERVING COLLEGES FOR BEING THE BEST IN THEIR RESPECTIVE FIELDS, UNION MINISTER FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY KAPIL SIBAL SAID THE EDUCATION SYSTEM IN INDIA WAS IN DIRE NEED OF REFORM

In Erode, Salem and Coimbatore districts in west Tamil Nadu, three colleges specialising in the field of engineering have won awards for being the best in the country in Electronics and Communication, Computer Science and Information Technology and Electrical Engineering. The award was conferred upon them by the Confederation of Indian Industry, All India Council for Technical Education as well as the Union ministry of human resource development.

CR Swaminathan, chairman, CII National Higher Education Committee, commented that this was not the first time that colleges from south India had appeared as winners in the engineering category. Union minister for communications and information technology Kapil Sibal was present at the event that was held in New Delhi which presented winning colleges with their respective awards. During his inaugural speech Sibal spoke about the need for reforms in the education system saying that the system should be flexible enough to mould itself around a child rather than it being curriculum

centric. He added that the Indian education system is a long way off from being perfect and several initiatives from various sources need to help take it forward.

PSC College of Technology Coimbatore came out on top as the best institute in electronics and communication that was linked to industry. College of Engineering, Pune, won in the category of best industry-linked institute in mechanical engineering. Kongu Engineering College, Erode won best institute in electrical engineering. Walchand Institute of Technology, Sangli, was the best

institute in electrical engineering and Sona College of Technology, Salem, won an award for being the best institute in computer and information technology engineering. Institute of Chemical Technology won for being the best college in chemical engineering.

The best industry linked institute in management was XLRI, Jamshedpur. In the pharmacy stream, Bombay College of Pharmacy emerged as a top contender.

The AICTE and CII conducted a nation-wide survey just before the two-day CII Global University-Industry Congress and fifth Higher Education Summit, which was held on 7 and 8 November 2013. Swaminathan said that it was conducted to estimate and exhibit some of the best industry partnerships among various technical institutes that are under AICTE. More than 1,000 institutes that are well established in competitive fields like Architecture, Engineering and Management took part in this survey voluntarily. He added that leading corporate houses like Sun Pharma, Elicio, Parnar Industries, Forbes Marshall and Tata Chemicals came together to give



CR Swaminathan and Kapil Sibal

away awards to deserving colleges because of their model relations with industry. The entire procedure included evaluations that were made by an elite jury that

evaluated objective scores that were generated by AICTE's web portal. This information was gathered from the online survey that AICTE too had carried out.

Then a team that comprised representatives from AICTE and CII visited the respective colleges to validate information that they had entered in for the survey. After this information was analysed, a list of winners was prepared.

Call for new education policy

Prakash Kumar

NEW DELHI: A report of a leading industry body has recommended that the government should bring a “clear and unambiguous policy” to encourage participation of India Inc in higher education sector as public funding alone is insufficient to meet the growing requirements.

The report on the annual status of higher education in the country, released by the Confederation of Indian Industry here on Thursday, noted that only 27 per cent of the companies (studied during the survey)

were meeting the proposed norm of Corporate Social Responsibility (CSR) spending.

Though companies are spending less than the proposed CSR norms, a significant potential exists for generating additional financial resources from the CSR funds of Indian companies.

“While the intent for using their surplus funds for improving the education sector in the country by Indian companies is evident, what may be required is a clear and unambiguous policy from the Central and state governments to leverage this funding option in an effective manner,” it underlined.

“While almost all major committees and policy documents have accepted the need for increased involvement of private sector in higher education, there is also lack of clarity on funding pattern, incentives and regulatory oversight. These issues need to be addressed and clarified so as to incentivise the private and corporate sectors to invest in higher education,” the Working Group for Higher Education constituted for the 12th Five-Year Plan had said.

DH New Service

K'taka most preferred by foreign students

Prakash Kumar

NEW DELHI, DHNS: Being the IT hub of the country and the hotbed of innovation, Karnataka, not so surprisingly, has attracted the maximum number of overseas students who come to study in India's higher educational institutions.

A joint report by a leading industry body and the government has also found that the state has the second highest concentration of colleges in the country and boasts a much better teacher-student ratio than the national average.

Out of the estimated 27,531 foreign students who chose Indian higher institutions, over 10,000 zeroed-in on Karnataka, as the state accounted for 36.7 per cent of the total number, according to a report by the Confederation of Indi-

an Industry (CII) and the union Human Resource Development (HRD) Ministry which was released on November 7.

Andhra Pradesh with 4,698 students and Maharashtra with 4,369 were ranked second and third in the list of states luring most foreign students. Tamil Nadu with 2,383 overseas students and Delhi with 1,529 of the contingent respectively share fourth and fifth positions in the report on the Status of Higher Education in India.

Having 3,098 colleges, Karnataka also had a share of 9.4 per cent of all the colleges in India. It was ranked fourth in

terms of total colleges in any state.

Boasting 23 public varsities, the state is ranked second for the number of state universities and third for deemed universities. "The state has 6.9 per cent of all the universities in the country," the report noted.

It also has the maximum of six medical universities in the country and has been ranked fifth for having 21 general universities.

"In terms of access, Karnataka has the second highest concentration of 44 colleges per lakh population as compared to the all India average of 23 colleges per lakh population," the report noted.

However, the state lags behind the national average of 700 for total enrolment per college. The state has 16 lakh students enrolled in regular mode in the higher educational institutions.

Ninety per cent of colleges in the state are affiliated to Universities, while the rest are either constituent/university colleges, PG/off-campus or university recognised centres.

The state also has 66.3 per cent of private unaided colleges, 20 per cent government owned and 13.5 private aided.

With 1.32 lakh teaching and 0.95 lakh non-teaching staff respectively in all colleges, which amounts to 42.5 teaching staff per college and 30.5 non-teaching, Karnataka fell behind the national average in terms of number of teachers in a college, the report mentioned.



Edn should be child centric: Kapil Sibal

Rooting for reforms in education system, Telecom Minister Kapil Sibal on Thursday said reforms need to be child centric so that children can pursue their own dreams and aspirations.

Referring to India's first mission to Mars, Sibal said: "When we talk about launching a satellite on to Mars, we have more than 220 million satellites in the country, our children and each satellite has its own trajectory. We should help them in finding their orbit and shine."

Speaking on the occasion of the two-day CII global university-industry congress in New Delhi, the Minister said that education needs to concentrate on the child and not the curriculum. Its efforts should be to bring out the brilliance in the child.

He also propagated a 10-year vision to create a road map to facilitate reforms in education to ensure that India comes to the forefront of world's education scene.

Commenting on the plight

Education needs to concentrate on the child and not the curriculum. Efforts should be to bring out the brilliance in the child

-Kapil Sibal

of education, Sibal said that ironically, while, satellite (Mars Mission) is being guided, "many institutions under the AICTE, engineering institutions, are closing down in India.

"They are winding up because of lack of quality and a feeling among students that these institutions lack on individual structure and other things," he said.

He further said: "We have



Union Minister for Communications and IT Kapil Sibal presenting best chemistry teachers award to Sunita Bhagat at Global University-Industry Congress 2013 in New Delhi on Thursday

a level of excellence that we have achieved which is symbolised by the launch (Mars mission) and you have the lack of excellence that is staring us in the face and that is the irony of India."

He emphasised on the need to make education compatible to leverage technological advancements like cloud computing and low cost access devices.

Sibal advocated providing students with low-cost devices that can facilitate access to educational material

and global information anytime, anywhere.

The Minister added that investment in education will suffer in absence of legislation saying it could create chaos and uncertainty.

He called on academic institutions and industry to create enough pressure to bring about the required legislation for reforms in education. Earlier, Sibal said an event organised by the CII that in India the discourse at the political level kept looking back to the past.

‘Southern tech institutes trump rest of India’

Technical institutions in southern India have outperformed their counterparts in the rest of the country roundly on a variety of parameters, an online AICTE-CII survey has found.

Technical institutions, offering courses in engineering, management, pharmacy and architecture, were evaluated for their faculty, placements, curriculum, research and consultation and infrastructure as part of the survey.

While southern institutes

achieved an average score of 30.73, northern and western regions managed 24.15 and 24.01, respectively, as compared to that.

Institutes in the central region scored 13.84, coming up last in the survey.

Although 1,050 institutions across India had offered to join the online survey, only 148 of those were shortlisted for the final round.

Interestingly, the participation of institutions from the southern region was higher,

accounting for 23 per cent of all online submissions.

Sharing its key findings at a press briefing here, All India Council for Technical Education (AICTE) Chairman Dr Mantha said that such studies were important for improving the quality of higher education in the country.

As to the reasons for the south doing well in the survey, he replied that the region had some well-established technical institutions.

The Telegraph

CSR spend below target

BASANT KUMAR MOHANTY

New Delhi, Nov. 11: Companies prefer to spend on education the most as part of their corporate social responsibility (CSR) but only one in four meet the desired level of investing in social causes, a study has found.

The analysis, conducted by professional services firm Deloitte India, suggests that 27 per cent of the 91 top companies studied spent at least 2 per cent of their net profit on CSR-related expenses in 2011-12.

Some 37 per cent of the companies spent between 1 and 2 per cent. The remaining 36 per cent spent less than 1 per cent, according to the Annual Status of Higher Education of States and Union Territories in India, 2013, a report brought out by the human resources development ministry and industry body CII.

Setting aside a part of their profits for social causes was not mandatory for India Inc., but the recently passed Companies Act, 2013, says business houses have to spend at least 2 per cent of their average net profit on CSR-related support (see chart).

"The CSR has remained less than 2 per cent for most companies because spending on CSR has been voluntary all along. Companies have been spending on social causes as per their mission and vision of the promoters," said Rohin Kapoor, senior manager, tax,

at Deloitte.

The new law, passed in the last session of Parliament, has already got the President's assent. Now the rules, being drafted by the ministry of corporate affairs, have to be notified.

While the study found that companies invest in multiple social service causes, education stood out as the most preferred sector. Some 79 per cent of the companies studied were found to have invested in education, followed by 73 per cent in environment and 69 per cent in health.

The report does not give a break-up of sector-wise investment.

Kapoor quoted corporate ministry estimates to say that potential investment in CSR was expected to be between Rs 15,000 crore and Rs 18,000

FUNDS FOR A CAUSE

The Companies Act 2013 requires firms with a net worth of over Rs 500 crore, or a turnover of over Rs 1,000 crore, or a net profit of Rs 5 crore in the last three years to spend at least 2% of their net profit on CSR. The govt estimates this will cover 8,000-9,000 companies and bring in Rs 15,000-18,000 crore investment in CSR

What a Deloitte study of CSR spending by 91 top companies operating in India found:

27% spend greater than or equal to 2% of net profit

36% spend less than 1% of net profit

37% spend between 1% and 2% of net profit



Top activities companies spend on under CSR

Education	79
Environment	73
Health care	69
Infrastructure	53
Livelihood, employment	53
Supporting vulnerable groups	44

crore annually from next year with the participation of 8,000 to 9,000 eligible companies. A major chunk of this investment is likely to be on education, particularly higher education, he added.

Sobha Mishra, education officer at industry chamber Ficci, said CSR-related investment had remained low mainly because growth has been limited to mostly companies in the service sector, which does not depend much on the local population.

On the other hand, infrastructure companies, which require large tracts of land, have to depend on local people for day-to-day functioning.

"The Tatas, Birlas and other such companies have done a lot on CSR. But the companies which came up in the

last two decades, mostly in the service sector, do not depend much on local people," Mishra explained. "These are export-oriented companies and they do not spend that much on CSR."

Mishra agreed with Kapoor, the Deloitte manager, on the possibility of education getting the maximum share of CSR funds, saying the sector was at the centre of economic planning.

Shalini Singh, who heads the higher education cell at industry body CII, said 60 per cent of Indians were young, but the potential demographic dividends could turn into a disaster if the youths were not educated and trained.

"I think the CSR spending on education is certainly going to increase," she said.

INSTITUTE-INDUSTRY LINKAGE

Confederation of Indian Industry (CII) and the All India Council for Technical Education (AICTE) recently released the second edition of their survey regarding industry linkages of technical institutes. The survey saw participation from 1,050 institutes all over the country across courses of engineering, management, architecture and pharmacy.

Overall findings show that institutes vary considerably in the extent of their industry linkages. Involving industry representatives on an institute's governance through participation in the board of governors or advisory councils was an easily achievable industry link. Institutes find it harder to demonstrate strong industry linkage in their ability to file patents and other intellectual property rights and the extent to which they make technology transfers to industry.

'Tech schools of South India shine in industry linkages'

BS REPORTER

New Delhi, 6 November

Technical institutes of South India have performed better than their peers in the northern and western regions on linkages with industry, a study by the Confederation of Indian Industry (CII) and the All India Council for Technical Education (AICTE) said on Wednesday.

According to the study, conducted on 1,050 participants across engineering, management, pharmacy and architectural institutes, the southern region scored 30.73 points against the national average of 22.10 points. The western region scored 14 points.

The scores reflect industry's involvement in governance and their role in placing students in industry positions. The survey also studied parameters such as faculty, placements and curriculum of technical institutes across India. "A key purpose of education is to ensure a job for students and industry linkage is important to ensure that. Industry linkages also ensure the value of students and teachers improve drastically," said Shankar S Mantha, Chairman, AICTE.

Y S Rajan, chairman of the jury that con-

ducted the study, said institutes in South India managed to score better on their industry linkages largely due to their historical advantage. "A number of institutes in the south have been existent since long. They have in the past managed to improve links with the industry," Rajan said.

India currently has a little more than 3,000 engineering schools, and the survey looked at those which had existed for at least five years. "All the institutes appeared to struggle to score high in relation to industry involvement in their research activity. For example, institutes are rarely contracted to conduct research projects by companies, nor do they often make technology transfers to industry," the study said.

The study raises an alarm about India's educational sector, where a large number of youth are rendered jobless even after completing higher education. In fact, no Indian institute had found a place in the global rankings compiled by the Times Higher education and the Quadracilli Symonds. These had in their rankings pointed out that the linkages between universities and industry continue to be poor, compared to global standards.

AICTE allows pvt firm to start technical institutes

New Delhi: In a move aimed at strengthening the country's technical education sector, the All India Council for Technical Education (AICTE) has permitted a private company to start a chain of technical institution in the country.

The industrial firm would set up its first institution in the southern state of Tamil Nadu. The Centre had allowed private and public companies with a turnover of at least Rs 100 crore per year over a 3-year period to set up technical institutes to meet the increasing demand of such institutes. They can establish new technical institution in engineering and technology, pharmacy, architecture and town planning and hotel management catering technology.

"We had received four applications last year and permission was given to one," S S Mantha, Chairman AICTE said on the sidelines of a function organised by Confederation of Indian Industry (CII) and AICTE to release an industry-technical institute linked survey report.

Sharing the key findings of the survey with media on Wednesday, Mantha said that initiatives such as this survey were important to improve the quality of higher education.

The survey initiated in 2012 by AICTE showed a maturity level in its very second year which surpassed the expectations of both industry and academia. From 156 entries received in the first of its kind survey of industry linkages of technical institutes last year, the number zoomed to 1,050 this year-a phenomenal 673 per cent jump.

Commenting on the process of the survey and its findings, Dr YS Rajan, senior distinguished professor of ISRO and chairman of NIT, Manipur, who headed the jury of the survey, said, there is a need to raise the average and this survey is not only about celebrating the winners. "It is a mirror in which the institutes can evaluate where they stand and how they need to improve on various parameters to come up the bell curve," Rajan remarked. This year, the scope of the survey was substantially expanded to include all streams of engineering and also the disciplines of management, pharmacy and architecture.

The Centre allowed private and public companies with a turnover of at least ₹100 crore per year over a 3-year period to set up technical institutes to meet the increasing demand of such institutes

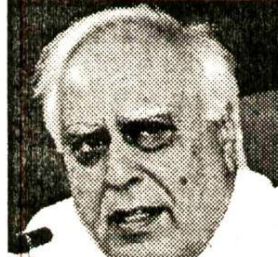


शिक्षा को बच्चों पर केंद्रित होना चाहिए : सिब्वल

विशेष प्रतिनिधि

नई दिल्ली। शिक्षा प्रणाली में सुधार को वकालत करते हुए दूरसंचार मंत्री कपिल सिब्वल ने आज कहा कि सुधार बच्चों पर केंद्रित होना चाहिए ताकि बच्चे अपने सपनों एवं आकांक्षाओं को पूरा कर सकें।

मंगल पर भारत के मिशन का जिक्र करते हुए सिब्वल ने कहा, जब हम मंगल ग्रह पर उपग्रह भेजने की बात करते हैं तो हमारे देश में 22 करोड़ उपग्रह हैं, हमारे बच्चे और हर उपग्रह की अपनी राह है। हमें उनका कक्ष ढूँढ़ने और उन्हें चमकने में सहयोग करना चाहिए। सिब्वल के पास पहले मानव संसाधन और विज्ञान एवं प्रौद्योगिकी मंत्रालय थे। सीआईआई के दो दिवसीय वैश्विक विश्वविद्यालय... उद्योग कांग्रेस के अवसर पर मंत्री ने कहा कि शिक्षा बच्चों पर केंद्रित होनी चाहिए न कि पाठ्यक्रम पर। इसका प्रयास बच्चों में प्रतिभा को निखारना होना चाहिए। उन्होंने शिक्षा में सुधार के लिए दस वर्षीय मार्गदर्शक दृष्टिपत्र का भी सुझाव दिया ताकि सुनिश्चित किया जा सके कि भारत शिक्षा में दुनिया के अग्रणी देशों में शामिल हो सके। शिक्षा को दयनीय स्थिति पर टिप्पणी करते हुए सिब्वल ने कहा कि दुर्भाग्य है कि जब उपग्रह मंगल मिशन को निर्देशित किया जा रहा है तो एआईसीटीई, इंजीनियरिंग संस्थानों के तहत कई संस्थान भारत में बंद हो रहे हैं। उन्होंने कहा, गुणवत्ता को कमी के कारण वे बंद हो रहे हैं और विद्यार्थियों में इस तरह की भावना है कि इन संस्थानों में डांचागत सुविधाओं



एवं अन्य चीजों की कमी है।

सिब्वल ने कहा कि विपक्षी नेता मुद्दों पर अपनी दृष्टि पर चर्चा करने के बजाय प्रतिमाएं बनाने जैसी चीजों पर चर्चा कर रहे हैं।

सिब्वल ने कहा, हम देश में जो चर्चा सुन रहे हैं वह यह है कि आपने यह किया, आपने वह किया, आपने देश बरबाद किया। मुद्दों पर चर्चा करें। विरिष्ठ कांग्रेस नेता ने कहा कि मौजूदा राजनीतिक विमर्श आलोचना और विरोध पर ज्यादा घूम रहे हैं।

उन्होंने कहा, स्वास्थ्य पर, शिक्षा पर आपकी क्या दृष्टि है? अर्थव्यवस्था पर आपकी क्या दृष्टि है? कोई इसपर चर्चा नहीं कर रहा है कि उनकी वैकल्पिक दृष्टि क्या है।

सिब्वल ने कहा, और जो चर्चा की जा रही है वह यह है कि हम एक प्रतिमा बनाना चाहते हैं। वह प्रतिमा, वह भावना है, आप अपने दिल में रखें। एका की भावना दिल से निकलती है या क्या प्रतिमाएं गढ़ कर इसे पैदा किया जा सकता है। विरिष्ठ कांग्रेस नेता वस्तुतः गुजरात में देश के पहले गृहमंत्री सरदार वल्लभभाई पटेल की सबसे ऊंची प्रतिमा बनवाने की

मोदी की महत्वाकांक्षी परियोजना का जिक्र कर रहे थे।

सिब्वल ने कहा कि जो लोग आलोचना और विरोध पर ही अपना ध्यान पूरी तरह केंद्रित रखते हैं, वे कभी कामयाब नहीं हो सकते हैं।

केन्द्रीय मंत्री ने यहां पत्रकारों से कहा, हमें इन मुद्दों पर चर्चा करना चाहिए था कि हमारा देश किस तरह का हो। हम अपने बच्चों को किस तरह की शिक्षा प्रदान करें।

इससे पहले, सिब्वल ने भारतीय उद्योग परिषद :सीआईआई: में आयोजित एक कार्यक्रम में कहा था कि भारत में राजनीतिक स्तर पर विमर्श में अंतो को तरफ देखा जाता है। विरिष्ठ कांग्रेस नेता ने कहा, राजनीतिक स्तर पर विमर्श में आर हमेशा अंतो को याद करते हैं, हम कभी भविष्य की चर्चा नहीं करते। यह हमारे प्रधानमंत्री ने 1950 में कहा था। आपको यह चर्चा करनी चाहिए कि आपके प्रधानमंत्री 2025 में क्या कहेंगे। उन्होंने कहा, लोगों को अवश्य ही भविष्य के लिए दृष्टि, देश के लिए कोई वैकल्पिक दृष्टि पेश करनी चाहिए। सिब्वल ने कहा, कोई नहीं कहता कि यह मेरी नीति है, मैं यह करना चाहता हूँ।

वे सिर्फ यह कहते हैं कि आपकी नीति खराब है। क्या कभी आपने विपक्ष के किसी एक व्यक्ति को यह कहते हुए सुना है कि यह भारत की शिक्षा नीति होनी चाहिए। उन्होंने कहा, क्यों वे ऐसा नहीं सोचते। वे सिर्फ यह सोचते हैं कि क्या गलत किया गया है। हम कोई महामानव नहीं हैं कि हम जो भी करें सही हो।

दैनिक जागरण

दैनिक जागरण पत्रिका का मुख्यालय



नई दिल्ली में गुरुवार को सीआइआइ की ओर से आयोजित कार्यक्रम में केंद्रीय संचार मंत्री कपिल सिब्बल ने मोदी पर परोक्ष हमला करते हुए कहा, 'हम हमेशा पुरानी बातें याद करते हैं, भविष्य के बारे में चर्चा नहीं करते।' कार्यक्रम में उच्च शिक्षा पर सीआइआइ की राष्ट्रीय समिति के चेयरमैन नौशाद मौजूद थे।

पेट्र

राष्ट्रीय अवधारणा - शिक्षा विभाग के द्वारा विराट वैभव

शिक्षा को बच्चों पर केंद्रित होना चाहिए : सिब्बल

नई दिल्ली । शिक्षा प्रणाली में सुधार की वकालत करते हुए दूरसंचार मंत्री कपिल सिब्बल ने कहा कि सुधार बच्चों पर केंद्रित होना चाहिए ताकि बच्चे अपने सपनों एवं आकांक्षाओं को पूरा कर सकें। मंगल पर भारत के मिशन का जिक्र करते हुए सिब्बल ने कहा कि जब हम मंगल ग्रह पर उपग्रह भेजने की बात करते हैं तो हमारे देश में 22 करोड़ उपग्रह हैं, हमारे बच्चे और हर उपग्रह की अपनी राह है। हमें उनका कक्ष ढूंढने और उन्हें चमकने में सहयोग करना चाहिए। सिब्बल के पास पहले मानव संसाधन और विज्ञान एवं प्रौद्योगिकी मंत्रालय थे। सीआईआई के दो दिवसीय वैश्विक विश्वविद्यालय-उद्योग कांग्रेस के अवसर पर मंत्री ने कहा कि शिक्षा बच्चों पर केंद्रित होनी चाहिए न कि पाठ्यक्रम पर। इसका प्रयास बच्चों में प्रतिभा को निखारना होना चाहिए। ■

आज समाज

सच जो आप जानना चाहते हैं

कपिल सिब्बल ने किया शिक्षकों को किया पुरस्कृत

नई दिल्ली। टाटा केमिकल्स द्वारा आयोजित 'बैस्ट. कैमिस्ट्री टीचर्स अवार्ड्स' (बीसीटीए) के तीसरे संस्करण के विजेताओं को गुरुवार को संचा और सूचना प्रौद्योगिकी मंत्री कपिल सिब्बल ने सम्मानित किया। इन पुरस्कारों का आयोजन एसोसिएशन ऑफ कैमिस्ट्री टीचर्स (एसीटी) तथा भारतय उद्योग परिसंघ (सीआईआई), रॉयल सोसायटी ऑफ कैमिस्ट्री और गोदरेत्र के साथ मिलकर किया गया है। बीसीटीए पुरस्कार वास्तव में, टाटा केमिकल्स की एक व्यापक पहल 'ह्यूमन टच ऑफ कैमिस्ट्री' का हिस्सा है। इन पुरस्कारों का उद्देश्य देशभर के रसायनविज्ञान के शिक्षकों के उत्कृष्ट कार्यों के लिए उन्हें सम्मानित करना है।

पुरस्कारों के लिए प्रविष्टियों का मूल्यांकन जानी मानी जूरी ने किया है, जिसमें भारत के प्रमुख संस्थानों के शिक्षाविद और वैज्ञानिक शामिल हैं। चार जिन चार अलग अलग पुरस्कार

श्रेणियों में शिक्षकों को सम्मानित किया गया।

दे हुए सम्मानित: आईआईटी दिल्ली के प्रो अनिल इलियास को बेस्ट कैमिस्ट्री टीचर का अवार्ड दिया गया। वहीं दिल्ली विश्वविद्यालय की प्रो सुनीता भगत, उज्जैन के माधवनगर स्थित गवर्नमेंट एक्सीलेंस हायर सेकेंडरी स्कूल के डॉ योगेंद्र कोठारी एवं गोवाहटी विवि के प्रो प्रदीप फुकन को भी बेस्ट कैमिस्ट्री टीचर अवार्ड से नवाजा गया।

इस मौके पर बीसीटीए पुरस्कारों से सम्मानित शिक्षकों को बधाई देते हुए टाटा केमिकल्स के कॉर्पोरेट प्रोजेक्ट्स उपाध्यक्ष संजीव लाल ने कहा कि हमारा यह प्रयास शिक्षकों को देश के युवा मस्तिष्कों को सही दिशा दिखाने और उन्हें आविष्कारी पहल के लिए प्रोत्साहित करने तथा अपने अध्ययन क्षेत्र में अधिक कामयाबी हासिल करने के लिए प्रेरित करने पर उन्हें सलाम करने का हमारा तरीका है।

दैनिक विश्वमित्र

अस्सी प्रतिशत तकनीकी शिक्षण संस्थान उद्योग जगत के अनुरूप नहीं

नयी दिल्ली, ६ नवंबर (एजेसियां)। भारतीय उद्योग जगत के मानकों पर देश के करीब ८० प्रतिशत तकनीकी शिक्षण संस्थान खरे नहीं हैं और उत्तर भारत तथा मध्य भारत में तो इन संस्थानों का काफी बुरा हाल है। अखिल भारतीय तकनीकी शिक्षा परिषद (ए आई टी सी) तथा भारतीय उद्योग परिसंघ (सीआईआई) द्वारा देश के तकनीकी शिक्षण संस्थानों के सर्वेक्षण से यह बात सामने आयी है। परिषद के अध्यक्ष ए एस मंथा तथा सीआईआई में उच्च शिक्षा के कार्यकारी निदेशक अंजन दास ने मीडिया को आज इस सर्वेक्षण की रिपोर्ट जारी की। सीआईआई उद्योग जगत और शिक्षा के बीच संबंधों को मजबूत बनाने के लिए कल से दो दिवसीय ग्लोबल यूनिवर्सिटी एजुकेशन कांग्रेस कर रहा है जिसका उद्घाटन केन्द्रीय संचार एवं सूचना प्रौद्योगिकी मंत्री कपिल सिब्बल करेंगे। श्री मंथा ने बताया कि देश के तकनीकी शिक्षा संस्थानों ने इस आनलाइन सर्वेक्षण में भाग लिया और कुल २१ मानकों पर राष्ट्रीय स्तर पर तकनीकी शिक्षण संस्थानों ने औसतन २२.१० अंक प्राप्त किए।

सीआईआई ने शिक्षा में व्यापक सुधार के लिए श्वेत पत्र जारी किया

नई दिल्ली। भारतीय उद्योग परिसंघ (सीआईआई) ने उच्च शिक्षा के क्षेत्र में श्वेत पत्र जारी कर सरकार से व्यापक सुधार तथा शिक्षा के लिए चंदे एवं निवेश में कर में 200 प्रतिशत की छूट देने और शिक्षा से जुड़ी परियोजनाओं को छह महीने के भीतर मंजूरी देने की मांग की है। केन्द्रीय संचार तथा सूचना एवं प्रौद्योगिकी मंत्री कपिल सिब्बल द्वारा कल ग्लोबल एजुकेशन इंडस्ट्री कांग्रेस में जारी श्वेत पत्र में शिक्षा की गुणवत्ता को बढ़ाने के लिए शिक्षकों को सूचना एवं प्रौद्योगिकी के क्षेत्र में प्रशिक्षण देने एवं उनके कौशल विकास की भी सिफारिश की है। श्वेत पत्र में कहा गया है कि इस समय देश में 700 विश्वविद्यालय तथा 36000 कालेज हैं और उच्चशिक्षा में करीब ढाई करोड़ छात्र हैं तथा दाखिला दर 19.4 प्रतिशत है। और 12वीं योजना तक इनकी संख्या तीन करोड़ से अधिक हो जाएगी। तथा 2030 तक दाखिला दर 30 प्रतिशत हो जायेगी। देश में 52 प्रतिशत शिक्षण संस्थान अब निजी क्षेत्र में हैं। ऐसे में सरकार को काफी धन जुटाने की जरूरत पड़ेगी और इसके लिए उद्योगजगत को अधिक धन निवेश करने पर उन्हें करों में अधिक छूट तथा परियोजनाओं की तत्काल मंजूरी देने के लिए प्रशासनिक सुधार एवं नौकरशाही की अडचनों को दूर करने की आवश्यकता है।



Feedback

Higher education needs changes

This refers to the article 'The Road Ahead' (*Knowledge*, November 11) which discusses the thesis contained in the White Paper of the CII's National Committee on Higher Education that "Indian higher education can be revitalized with greater participation of the private sector in more liberal and encouraging investment climate" which is true. The deterrent at present is the requirement to get clearance from multiple agencies which apply different norms and take too long a time to retain their interest. The recommendation that a single-window agency with transparent and coherent norms be established is very sound. It has also suggests that the responsibility of verifying the quality standards should be left to the accreditation agencies alone. Many more such agencies are needed for the size of our country. Higher education will gain immensely if it is brought under the ambit of the Corporate Social Responsibility (CSR). It is also a good idea to mobilise three-fourth of the total ₹ 4 lakh crore required for higher education from the private sector. The White Paper calls for administrative reforms in the rules and regulations of the various bodies. In this connection it may be mentioned that the National Commission for Higher Education and Research that was approved by the union cabinet some time back needs to be set up expeditiously.

DR V SUBRAMANYAN

Thane

Kapil Sibal felicitates winners of BCTA 2013

Winners of the third edition of Tata Chemicals' 'Best Chemistry Teachers Awards (BCTA)' were felicitated today by Kapil Sibal, Minister of Communications and Information Technology and Sanjiv Lal, Vice President, Corporate Projects from Tata Chemicals. These awards are organised in collaboration with the Confederation of Indian Industries (CII), Association of Chemistry Teachers (ACT), Royal Society of Chemistry (RSC) and Godrej.

BCTA is a part of a larger initiative by Tata Chemicals called the 'Human Touch of Chemistry'. The aim of these awards is to appreciate exemplary work put in by Chemistry Teachers across India.

Educators across the country have welcomed BCTA awards and perceive it as recognition in their field. The winners were selected by an eminent panel of academicians and scientists from leading institutions of India. The winners felicitated today in the four distinct award categories were:

- 1) Best Chemistry Teacher (Class XI/XII) – Dr. Yogendra Kothari from Government Excellence Higher Secondary School, Madhavnagar, Ujjain
- 2) Best Chemistry Teacher (Bachelor's Degree) – Prof. Sunita Bhagat from ASRD College, Delhi University and Prof. Suhas Pednekar from Ramnarain Ruia College, Mumbai
- 3) Best Chemistry Teacher (For Master's



- 4) Best Chemistry Teacher for promotion of Chemistry as a subject – Prof. Prodeep Phukan from Gauhati University, Guwahati.

Thank You