



Publication : **Navbharat Times**
Edition : **New Delhi**
Date : **February 28, 2002**

Hewlett Packard

हीवलेट पैकार्ड

नई दिल्ली (वाप्र): हीवलेट पैकार्ड (एचपी) ने भारत में एचपी लैब्स इंडिया शुरू किया है। यह कंपनी के औद्योगिक प्रयोगशाला है। एचपी कम्प्यूटिंग और इमेजिंग सॉल्यूशन के क्षेत्र में अग्रणी कंपनी है।



Publication : The Times of India
Edition : New Delhi
Date : February 27, 2002

HP Labs in India: Hewlett-Packard Company inaugurated HP Labs India, its industrial research lab, in Bangalore. HP Labs India is dedicated to generating usable, economically sustainable technology solutions for the country by understanding the social, cultural, economic and technological drivers.

Publication : The Asian Age
Edition : New Delhi
Date : February 27, 2002

HP unveils new lab for industrial research in Bangalore

BY OUR CORRESPONDENT

Bangalore, Feb. 26: Global IT major Hewlett-Packard company announced the launch of its industrial research lab in Bangalore which is dedicated to generating usable, economically sustainable and low-cost technology for India through understanding the relevant social, cultural, economic and technological drivers.

"Most of the work is exploratory and very speculative in nature. But, when we hit the bull's eye, we can expect large payoffs," Mr Per-Kristian Halvorsen, director, solutions and services technology centre, HP Labs said. The Bangalore research lab is the second such in Asia with other labs operating in Bristol in the United Kingdom, Mass in the US, Grenoble in France, Haifa in Israel and Tokyo in Japan.

"One of our focus would be to design and develop new low-cost access devices that are affordable and user-centric in this part of the world. The new access devices would be developed using a blend of ideas from anthropologists and technologists and analysed for the need of the local people," Mr Halvorsen disclosed.

The research conducted will help HP's e-inclusion efforts — a business initiative with a social mission to bridge the digital divide and broaden access to social and economic opportunities in traditionally underserved markets. According to Ms Debra L. Dunn, vice president, strategy and corporate operations, HP, the focus among other things would be on language technology, including speech communication interfaces for computers.

"Low-cost access devices to provide internet access at low cost, equipment and software that can be used in a shared mode, to enable access to benefits of Information Technology to those who cannot afford to acquire standard equipment.

"We will be dwelling on communication concepts and techniques relevant to the environment of small towns and rural areas in developing countries," Ms Dunn said.

Publication : The Asian Age
Edition : Mumbai
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Publication : The Financial Express
Edition : Mumbai
Date : February 27, 2002

HP Showcases Mass Use Products

OUR EFE BUREAU

Bangalore

With a view to do what the PCO revolution did to telephone usage, technology incubation and research outfits are all set to focus on India to develop mass use products (especially information access and Internet access products) which is expected to not only bridge the digital divide, but also perhaps be the next mass revenue earning method for the modest Indian.

Among the technologies on show at the HP Labs India-organised event in Bangalore, the newly established research outfit of HP demonstrated a 4-way Linux PC, which can simultaneously handle four users (with four monitors, 4 keyboards and 4 mouse attached to the same CPU) which was developed at HP Labs in Grenoble, France. This solution if made available in India could be available for as little as Rs 8,000 per seat and could be deployed in a cyber-cafe environment.

The other initiative is the HP Photoshop concept, which makes all the equipment for digital photography and printing (PC, scanner and a photo-printer) available to a small business for Rs 1.40 lakh.

Going forward HP Labs India is actively looking at a collaborative model which will see it forge ties with other similar programs, like Media Labs Asia of MIT. HP Labs is also interested in working on joint projects with other players. ▲



Publication : The Tribune
Edition : New Delhi
Date : February 27, 2002

H-P opens lab

BANGALORE, FEBRUARY 26
Hewlett Packard (H-P) today opened its lab here to benefit the third world countries by evolving native and cost-effective information technology (IT) solutions to them. The H-P Labs, India, would work on ideas and innovations focusing on the unique conditions in the developing world. **UNI**

Publication : Jansatta
Edition : New Delhi
Date : February 27, 2002

HP Labs India inaugurated

एचपी लैब्स इंडिया का उद्घाटन

नई दिल्ली, २६ फरवरी (जनसत्ता)।
हीवलेट पैकार्ड कंपनी ने भारत में एचपी लैब्स इंडिया शुरू किया है। यह कंपनी की सबसे नई, विश्व श्रेणी की औद्योगिक अनुसंधान प्रयोगशाला है। नई प्रयोगशाला का उद्घाटन मंगलवार, २६ फरवरी २००२ को बंगलौर में किया गया। एचपी लैब्स इंडिया का मुख्यालय बंगलूर में होगा।

इस मौके पर हीवलेट पैकार्ड कंपनी ने एक तकनीकी सेमिनार का आयोजन किया। यह उभरे बाजार के लिए नवीनता पर केंद्रित था। इसमें शिक्षा और उद्योग क्षेत्र के अलावा सरकारी और गैर सरकारी संगठनों के ५०० से ज्यादा लोगों ने हिस्सा लिया।

एचपी लैब्स इंडिया देश के लिए योग्य, आर्थिक रूप से सक्षम तकनालाजी सोल्यूशन तैयार करने के लिए समर्पित है। इसके लिए संबंधित सामाजिक, सांस्कृतिक, आर्थिक और तकनालाजी कार्यों को समझा जाएगा। इसके लिए जो अनुसंधान किए जाएंगे वे एचपी के ई-इनकल्सन प्रयासों में मदद करेंगे। यह सामाजिक उद्देश्यों वाली कारोबारी पहल है जो डिजिटल अंतर को पाटने और परंपरागत रूप से कम सेवा वाले बाजारों में सामाजिक व आर्थिक मौकों तक पहुंच बढ़ाने के लिए है।



Portal Name : **WEBGYOR**
URL : **www.webgyor.com**
Date : **February 25, 2002**

Inauguration of HP Labs India

NEW DELHI, India, 25 Feb 2002 -- Hewlett-Packard Company will inaugurate HP Labs India, the newest location of its world-class, industrial research lab on Tuesday, 26 February, 2002. The HP Labs India will be headquartered in Bangalore.

To mark this event, Hewlett-Packard Company will host a major technical symposium at J.N. Tata Auditorium at the Indian Institute of Science (IISc), focused on innovation for emerging markets. More than 500 people from academia, industry, non-government and government organizations are expected to attend.

HP Labs India is dedicated to generating usable, economically sustainable technology solutions for the country through understanding the relevant social, cultural, economic and technological drivers. The research conducted will also help HP's e-Inclusion efforts - a business initiative with a social mission to bridge the digital divide and broaden access to social and economic opportunities in traditionally underserved markets.

Dr. Srinivasan Ramani, director of HP Labs India, will host the event. Featured speakers include Debra Dunn, HP vice president, strategy and corporate operations, and Dr. Kris Halvorsen, representing HP Labs, the company's central research facility.

Other presenters include Prof. V. Rajaraman, honorary professor, Indian Institute of Science, who will deliver the keynote address on making computing widely available to all people; Dr. Colin Maclay, deputy director, Harvard Center for International Development, on economic sustainability for information and communications technologies (ICT) solutions; Dr. Ashok Jhunjhunwala, IIT Madras, on the communications revolution in India; Dr. Rajeev Sangal, IIT Hyderabad, on Indian languages IT and Mr. Ranjit Makkuni, director, Crossing Media Labs, on technology, art and user-centered design.

"This is the first of a series of technical symposia HP Labs India is sponsoring to bring together the multiple perspectives needed to create successful technologies for emerging economies," Dr. Ramani said.

A variety of demonstrations scheduled for the event will include examples of enabling technologies, such as a low-cost e-mail appliance, public kiosks for access to IT applications, connectivity solutions and speech interfaces designed to work in local languages.

On Thursday, 28 February, 2002, HP Labs India will inaugurate its joint research lab with IIT Madras.. The joint lab will host collaborative projects between HP researchers and faculty and students at IIT Madras.

About HP Operations in India

Hewlett-Packard India (HPI) is a wholly owned subsidiary of Hewlett-Packard Company, with sales and support offices in six metros (Delhi, Bangalore, Hyderabad, Chennai, Mumbai and Calcutta) and a manufacturing facility in Bangalore. HPI has more than 300 employees and had sales revenue of Rs.1539 crores in the year 2000-2001.

Hewlett-Packard India Software Operation (HP ISO), a wholly owned subsidiary of HP, was established in 1989 in Bangalore. HP ISO has about 1,000 employees and is a 100 percent export-oriented development laboratory providing leading-edge software solutions for HP and its global customers.

HP Global e:Business Center - to do transaction processing in Bangalore. This is a worldwide center and has an employee strength of over 400.

About HP

Hewlett-Packard Company -- a leading global provider of computing and imaging solutions and services - is focused on making technology and its benefits accessible to all. HP had total revenue of \$45.2 billion in its 2001 fiscal year. Information about HP and its products can be found on the World Wide Web at www.hp.com

Publication : eFE - The Financial Express
Edition : New Delhi
Date : February 26, 2002

HP Labs India goes Online

OUR EFE BUREAU

Bangalore

Hewlett-Packard Company has announced the inauguration of its HP Labs in India, which will be the company's seventh such industrial research lab in the world. The HP Labs in India will be a 40-man centre headquartered in Bangalore.

Other similar labs are located across the globe in the US (two labs), UK, France, Israel and Japan, besides India.

This project, which is part of the company's overall e-inclusion vision is looking at developing innovative technologies for the emerging countries. After India, the plans will be rolled out in Brazil and South Africa.

HP Labs India has also initiated an alliance with IIT-Madras. ◆



Publication : eFE- The Financial Express
Edition : Bangalore
Date : February 26, 2002

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Publication : The Hindu Business Line
Edition : New Delhi
Date : February 26, 2002

HP launches IT lab in India

Our Bureau

BANGALORE, Feb. 25

HP has announced the launch of HP Labs India in Bangalore, which will develop low-cost innovative solutions for the local market. HP Labs India is the seventh such centre in the world and is part of the company's worldwide strategy to take IT to communities, which are "technologically excluded".

HPI will start with a 30-40 strong team and will leverage on HP's technologies to develop unique solutions for the Indian market. Technologies for the inkjet printer, the 64 bit PA RISC architecture and the LED originated from the labs, said Dr S Ramani, Director, HPI.

Other innovations, which have yet to be productised include the four in one PC, which has four monitors, four mice and a single CPU costing significantly lesser (around Rs 8,000) than a normal PC.

The Labs focus on language technology which does not restrict the usage of IT to people who know English. One solution, for instance allows users to download Web pages in any language and listen to its transcript in the local language. Making the interface easy is also one focus area for HPI, Dr Ramani said.

Other areas of focus for HPI include access devices to provide Internet access at low cost; communication concepts and techniques relevant to the environment of small towns and rural areas in developing countries; and understanding the relevant socio economic context.

The first HP program under the e-inclusion scheme to bring IT to new users was launched in Kuppam recently. Around \$ 1 million is expected to be invested in the project over the next two years.

The company is setting up a digital network to provide various services starting with the Government services such as land records, birth and death certificates and bill payments online.

Publication : Deccan Herald
Edition : Bangalore
Date : February 26, 2002

HP sets up tech lab in Bangalore

DH News Service

BANGALORE, Feb 25

The \$45.2 billion Hewlett Packard Company, leading global provider of computing and imaging solutions and services, today announced the setting up of world-class industrial research HP Labs India, based in Bangalore.

Briefing reporters, HP Labs India Research Director Srinivasan Ramani said it would house around 40 people and engage in joint research and development projects with scientists and technologists working in institutions like IISc, Bangalore and IIT, Chennai, among others, in developing technologies related to

India.

He said, HP Labs India, will be generating usable, economically sustainable technology solutions for the country by understanding the relevant social, cultural, economic and technological drivers.

It is seventh such lab by HP with others operating in Palo Alto, Cambridge in US, Bristol in UK, Grenoble in France, Haifa in Israel and Tokyo, Japan.

The research will also help HP's e-Inclusion initiatives with its social objective to bridge the digital divide and broaden access to social and economic opportunities in traditionally under-served markets.

The current focus would be lan-

guage technology, including speech communication interfaces for computers, appropriate access devices to provide Internet access at low cost, equipment and software that be used in a shared mode, according to according to HP Vice-President (Strategy and Corporate Operations) Debra Dunn.

Further, according to Ms Dunn, it will also build communication concepts and techniques relevant to the environment of small towns and rural areas in developing countries, and new models for human interaction with IT equipment and software to offer easily usable and trouble free interfaces.

Publication : **The New Indian Express**
Edition : **Bangalore**
Date : **February 26, 2002**

H-P to open lab today

ENS ECONOMIC BUREAU

Bangalore, Feb 25: Hewlett-Packard announced the opening up its Lab in Bangalore on Tuesday with a 10 member team. It would focus on generating innovative solutions for the country and other emerging economies of the world.

To be headquartered in Bangalore, H-P Labs India is the 7th H-P lab worldwide and the first in the Asia Pacific region. Research conducted at HP Labs India would also support HP's world e-inclusion initiative. The Indian model would soon be tried out in South Africa and Brazil also.

The Lab Director Srinivasan Ramani told mediapersons here on Monday that the number of workers would be ramp up to 30-40 in three years.

President of HP's India Operations, Arun K Thiagarajan said the India lab would take up several projects in association with Indian scientists and technologists, with tie-ups already in place with Indian Institute of Science Bangalore and IIT Madras.

H-P Labs India's mandate is to generate innovations targeted at the world's emerging economies in the context of relevant social, cultural, economic and technological drivers.

As part of the inauguration of the lab, H-P is holding a technical symposium focused on innovations for emerging markets at JN Tata Auditorium on Tuesday.

H-P Labs India would inaugurate its joint research lab with IIT Madras on February 28.

Publication : Dainik Jagran
Edition : New Delhi
Date : February 26, 2002

HP Lab India inaugurated

एचपी लैब्स इंडिया का उद्घाटन
बंगलूर, 25 फरवरी (प्रेट्)। हवलेट-
पैकार्ड ने आज एचपी लैब्स इंडिया का उद्घाटन
करने की घोषणा की जो देश व अन्य उभरती
अर्थव्यवस्थाओं के लिए अनूठे सोल्यूशन तैयार
करेगी। एचपी लैब्स इंडिया का मुख्यालय
बंगलूर में है और यह एशिया-प्रशांत क्षेत्र में
कंपनी की पहली इकाई है।



Portal Name : **CIOL**
URL : **www.ciol.com**
Date : **February 26, 2002**

HP Labs to be set up in India

Hewlett Packard plans to set up a division of HP Labs in India and will be headquartered. The Indian division will focus on introducing technologies and solutions for emerging economies and will be part of HP's e-inclusion effort.

Cyber News Service

2/26/2002

BANGALORE: Hewlett Packard will be inaugurating a division of HP Labs in India on Tuesday. The lab, to be headquartered in Bangalore, will be the sixth such lab outside of company headquarters in Palo Alto. The other five HP Labs are located in Bristol, UK; Cambridge, Massachusetts; Grenoble, France; Haifa, Israel and Tokyo.

The focus of the India lab will be to introduce technologies and solutions for emerging economies and will be part of HP's e-inclusion effort. The lab will initially employ 40-50 people and will be headed by Dr Srinivasan Ramani. Dr Ramani is the executive vice president of the International Council of Computer Communication and also serves on the United Nations High-level Panel of Advisors in Information and Communication Technologies.

Speaking at a pre-event press conference, HP vice president, Strategy and Corporate Operations, Debra Dunn said that this effort comes in the global context of a widening gap between the technology-empowered and the technology-excluded communities and a growing anti-globalization movement throughout the world. Dunn said that with this effort HP hopes to "invent, pilot and evolve useful and significant IT solutions as well as innovative business models that create value in emerging markets."

HP Labs director of the solutions and technology center, Kristian Halvorsen said that the work done at the India lab will impact initially in India alone though eventually, the company hopes to adopt the emerging technologies and solutions in other emerging economies. "This is a paradigm shift," he said. "Mostly, we've addressed problems of North America and other advanced countries. For the first time we are addressing local questions. We are trying to find out how world class technology can be brought to bear in local conditions."

According to HP Labs India director Dr Ramani, the focus here will be on things like local language adaptation such as annotation from English language web sites and low cost access devices. A pilot e-inclusion project has already begun in Kuppam in Andhra Pradesh that will include among other things a web site that offers a wide variety of community services, Community Resource Centre kiosks, Communication Infrastructure and Connectivity to local schools and colleges.

Debra Dunn said that the effort would include an unprecedented level of relationships with other organizations like the Government, NGOs and multilaterals like the World Bank and the United Nations. In India, HP Labs has already has a project lined up with Indian Institute of Science, Bangalore and another with IIT Madras.