

(Left to right) Shereen Bhan, managing editor of CNBC-TV18; Umang Bedi, managing director (India and South Asia) of Facebook; Anant Maheshwari, president of Microsoft India; Rajesh Janey, president and managing director-enterprise (India and Soarc) at Deli EMC;
Paolo Colella, president-region India at Ericsson; and Deb Deep Sengupta, president and managing director, Indian subcontinent, SAP, at EmTech India 2017, the Mint-MIT Technology Review conference on technology and innovations, in New Delhi. EMMSH MAHAMMAJNIM.

How far has India come in its digitization journey?

Internet is important for enhancing the growth of the Indian economy, but this won't be possible without govt participation

NEW DELHI

is India ow is India becoming digital? This was the ques-tion that eight te c h n o l o g y experts addressed on the first day of EmTech India 2017—an emerging technology conference organized by Mint and MIT Technology

Dy aim to Review.

R. Chandrashekhar, president of Sandrashekhar, president of Sandras

non ras beggin, u as a flatter of accelerating be pased at which it is happening.

"There is a World Bank report which says that a 10% increase in broadband period of the passage of the



om, at EmTech India 2017, in PRADEEP GAUR/MINT

ans-said Rajan Anandan, vice-president India and southeast Asia at Google Inc.

"These are consumers who have high personal disposable incom-they are well connected and well clucated. Way forward, wewillse problems being solved for India 2 and India 3 - whe next 200 millio to 600 million Indians," Anandan said.

In India, Google has so far made to railway stations Internet-ena-

bled.
Anandan said Google registers about 15,000 people daily who are using Internet for the first time through this medium. The government has launched a National Digital Literacy Mission (NDLM) that has penetrated rural areas. Chandrashekhar saidion people have already been trained by 2016, surpsassing the target of NDLM training 5.2 million by

2018," he added.
"By 2015, 2.7 billion people were live on internet; we saw internet use increase 60 times, largely from Asia Pacific. Market capitalization use in rease of orimes, unjerly nom-dast Pacific. Market capitalization of the property of the capitalization of the property of the capitalization of the property of the capitalization of the ments shot up 6x.° said Boston Consulting Group's Marc's chuur-jing (partner and managing director, Amsterdam) and Rajiv diputa (partner and director, New Delhi) in a presentation. This trend is a confirmation that mobile has become the first source caccessing Internet in India. Facebook sees over one billion user generated posts every day, over 100 million hours of video consumed and over two billion photos shared, said Umang Bedi. the company Samanaging director,

photos shared, said Umang Bedi, the company's smanaging director, India and south Asia. The company claims to have the highest personalized newsfeed for any user owing to its robust articial carning technology. But innovation is not limited to the likes of Facebook Inc, Google Inc, Apple Inc. or Microsoft Corp. "We have newly launched Tata Insights and Quants Outlot Digits and Data analytics, currently for inter-

Insights and Quants built on Big Data analytics, currently for inter-nal use). Tata Digital Health (tech-nology to connect patient with doc-tors and create health care based solutions) and Tata Cliq (the group's foray into e-commerce). Those are business incubation being carried out from the group and we're careful moving into the future and creating the future as we speak." said Gopichand Katra-gadda, group technology and inno-vation officer, Tata Sons.

Innovators underscore India's role as centre of innovation

BY YUVRAJ MALIK & ARUSHI CHOPRA

NEW DELHI

Top innovators across industries underscored innovatives underscored in across underscored innovatives underscored innovatives

icy, and discussed the future of disruptive technologies. Experts discussed how tech-nology such as artificial intelli-gence, virtual reality and machine learning have become a reality and are changing and transforming lives. Some of the key innovations

Telangana to lead in providing

broadband, potable water: Rao



PRADEEP GAUR/MINT

acy, and use cased in equium of disruptive technologies. Experts discussed in over dependent of the property o

Foxconn.
Technology is also changing how we transact and virtual currencies such as bitcoin have become a reality in fintech and could potentially transform across the globe and value currencies in the times ahead.

acrossthegiote-andvatue cur-rencies in the times abread.

Themometization and digiti-zation arcsyling to give ab loos to blood, said Beroit, said Beroit and the said and th

SoftBank sees electric vehicles turning affordable in 3-4 years

BY YUVRAJ MALIK NEW DELHI

apan's SoftBank Group Corp. sees energy storage costs in India becoming affortable in about three-fouryears, leading to a sugge in the use of green technologies including electric vehicles (EVs).

The Indian customer is the most value-for-money driven customer and by 2020-22 stor-age costs are going to become

age costs are going to become affordable, Manoj Kohli, exec-

affordable, Manoj Rohli, exec-utive chairman of SB Energy Corp., said at the EmTech India event on Thursday. SB Energy isajoint venture of SoftBank Group, Bharti Enterprises Ltd and Foxconn Technology Group. "By affordable, d mean) there is a threshold of Ret per kilowatt hour. After 2020, solar and wind will have tech-nology and infrastructure to nology and infrastructure to become 24x7, which I believe



Manoi Kohli of SB Energy

will be changing the future course of the energy sector," said Kohli.

"Another point is the inflection of EVs over diesel and petrol cars," he added. "I think in the next three years, EVs will become far more transformational, it will not only be at the topend of the market, it willbe in the mid end of the market and the lower end of the market."

are lower as compared to some other parts of the world. EV other parts of the world. EV sales in the country rose 7.5% to 22,000 units in the year ended 31 March 2016, from 16,000 in 2014-15. Of these only 2,000 were cars and other four-wheelers.

only 2,000 were cars and other four-wheelers.

The government seems to see six million electric and posted to the control of t onomically viable on its

own.
"Storage is an important
part of EVs. I believe about
50% of the cost of an EV isstorage battery. With the coming
together of technology and
scale, prices of renewable and

prices of EVs will come down," added Kohli.

To be sure, India is in the process of formulating a comprehensive policy towards building anall-electrif electry 2030. Mint on Tuesday reported that transport minister Film Gadlari, heavy industries minister Annatt Geete, environment minister Annat Dave, and power minister Pysush Goyal are expected to attend a meeting to be chaired by finance minister Annal attend a meeting to be chaired by finance minister Annal factor of the first price of the comprehensive for the first price of the first pr

India imports around 80% of its oil and 18% of its natural gas

requirements.
Citing the example of the telecom industry, Kohli said if the price of a handset can be brought below Rsl,000, there brought below Rsl.000. there is no reason a similar thing with not happen in the EV space. "That (drop in price of hand-sets) happened with technol-ogy and scale," he said. Amrit Raj contributed to this story.

NEW DELHI

elangana is working to create a digital ecosys-tem with advanced commerce, e-health and e-education facilities, said the state's IT minister K.T. Rama

Rao.
Addressing industry executives at EmTech India 2017, the Mint-MIT Technology Review conference on technology and importations in the sum of the control of the contro



houses) of Telangana, we realized that we would be laying nearly 120,000 km of new pipelines. We decided to synegize other things on to the grize other things on to the same trench and the plan to lay down filbro-poincentworkwas also finalized," said Rao.

Digital infrastructure and digital literacy were keytocre-

and co-working spaces. T-Hub aims to forge many such partnerships with governments and corporates across the world to set up T-Bridge centres, to strengthen trade relations and attract investment into Telangam. T-Bridge stations and attract investment into Telangam. T-Bridge stations and attract investment into Telangam that the stationary of the stati

The programme also aims to create a network of mentors, venture capital funds, incubators and accelerators.

Rao said the country's strength lies in its workforce, as 65% of Indians are below 35 years of 20c.