



ICSI

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**Service Industry
Voice of India**

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info@icsiindia.in | www.icsiindia.in

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THOMAS COOK INDIA TEAMS UP WITH OYO ROOMS

Deals to offer standardized hotel benefits, such as free breakfast & Wi-Fi. Thomas Cook India has formed a new partnership with online booking site, OYO Rooms.

The agreement, which is the first of its kind between a travel services company and OYO, will make OYO Rooms' collection of more than 3,200 Indian hotels available to Thomas Cook India's leisure and business customers.

All rooms booked via the partnership will offer standardised benefits, including complimentary breakfast and Wi-Fi, and customers will benefit from 24-7 customer service support. According to Thomas Cook India's research, there is a "significant and increasing appetite" for standardised and value-driven accommodation in India, from both leisure and business travellers.

"Domestic Indian travellers today are demanding better value in the form of good quality, conveniently located, standardised accommodation and access to this, is in woefully short supply

Source : <http://www.traveldailymedia.com/229627/thomas-cook-india-teams-up-with-oyo-rooms/>



SIKKIM'S FIRST AIRPORT TO BE OPERATIONAL BY NEXT YEAR

The first airport of Sikkim is expected to be operational from December 2016, which will provide a direct connectivity to the land-locked state and also help boost tourism. "Preparation are afoot and the state will have its first airport operational from December 2016".

Airport will come up at Pakyong which is 35 km from Gangtok. Currently the nearest airport is Bagdogra in Bengal and one has to drive down to Sikkim from Bagdogra. Besides, the state is also going to be declared as an "organic state", first in the country, by next year. Organic state is a green initiative and the concept has been prepared to make entire farming activities environmentally friendly. There will be no use of pesticide or chemical fertiliser in the farming, and crop and vegetables will be grown with organic manure.

Source : <http://www.ndtv.com/india-news/sikkims-first-airport-to-be-operational-by-next-year-union-minister-mahesh-sharma-1232566>

CHINA IS BUILDING THE WORLD'S LARGEST AIRPORT, AND IT LOOKS LIKE A PHOENIX

China's upcoming Daxing District airport in Beijing is

intended to eventually take the mantle of the world's largest airport. While the completion date is still years away, airport officials are beginning to spill the beans on what makes the project so special. **It's designed to look like a Phoenix. Iraq-born British architect Zaha Hadid** chose the phoenix motif in part to contrast with Beijing's current dragon-inspired Beijing Capital International Airport airport. **Service will begin in 2019.**

According to china.org, 45 million passengers **will be served** by the airport's first four runways to open in 2019. By 2025, another two runways will open, bringing the total annual passenger count up to 72 million. **Expansion will make it the world's largest airport by 2040.**

The design celebrates the connectivity and excitement of air travel; expressed as a sequence of dynamic, inspirational and interconnected public spaces. The flowing rooflines cover large, column-free spaces and provide a sense of scale and orientation welcoming the world to Beijing.

Source : <http://roadwarriorvoices.com/2015/11/24/china-is-building-the-worlds-largest-airport-and-it-looks-like-a-phoenix/>



IRCTC TO LAUNCH SEMI-LUXURY TRAINS ON DESERT AND HERITAGE TRIPS

Indian Railway Catering and Tourism Corporation Limited is gearing up to launch two premier train services that will unveil the charm of the country's sprawling deserts and eclectic heritage before its travellers. Both semi-luxury trains will depart from New Delhi with an array of deluxe facilities across its five days of round trip dotted with sightseeing facilities

"Desert Circuit" will cover Rajasthan's famed cities of Jaisalmer and Jaipur, while "Heritage Circuit" will take the passengers to Varanasi, Khajuraho and Agra. Desert Circuit will begin service from mid-December 2015 and wind up on April 21, while Heritage Circuit will commence on December 20. Its last trip will start on April 24.

The package prices of Desert Circuit are: Rs 36,900, Rs 33,900, Rs 32,900 (first AC single, double and triple occupancy, respectively), Rs 28,025, Rs 25,025, Rs 24,525 (second AC) and Rs 24,125, Rs 21,125, Rs 20,625 (third AC).

As for Heritage Circuit, the rates will be Rs 35,900, Rs 32,900, Rs 31,900 (first AC single, double and triple occupancy), Rs 26,200, Rs 23,200, Rs 22,700

(second AC) and Rs 21,790, Rs 18,790, Rs 18, 290 (third AC)

The Jaisalmer stop of the Desert Circuit will cover the city Fort, sand dunes, Gadisagar lake and Palwaon Ki Haveli. At Jaipur, the sights shown will be City Palace, Jantar Mantar observatory, Chokhi Dhani, Amer Fort and Hawa Mahal. The Heritage Circuit will, at Varanasi, take passengers to Sarnath, besides a boat ride on the Ganges and experiencing the dusk-time 'aarti' ceremony. The Khajuraho stay features visits to Eastern and Western group of Temples.

Source : <http://economictimes.indiatimes.com/industry/transportation/railways/irctc-to-launch-semi-luxury-trains-on-desert-and-heritage-trips/articleshow/49908231.cms>

MARRIOTT INTERNATIONAL ACQUIRES STARWOOD HOTELS IN \$12BN DEAL

Marriott International Inc buys Sheraton owner Starwood Hotels & Resorts Worldwide Inc in a \$12.2 billion deal to create the world's largest hotel chain. Combined, the two firms have more than 5,500 hotels with 1.1 million rooms and \$2.7 billion in revenue and this gives Marriott greater presence in markets outside the United States.

Starwood, which gets nearly two-thirds of its revenue from outside the United States. The deal will combine Marriott's 19 brands, including Ritz-Carlton and Fairfield Inn, with Starwood's Westin, W and St. Regis chains. Marriott will pay \$11.9 billion in stock and the rest in cash, and hopes to have the acquisition completed by mid-2016.

<http://www.bbc.com/news/business-34830274>



KERALA SET TO EMERGE AS GLOBAL HEALTH TOURISM HUB

Kerala will emerge as the perfect destination for health tourism in the world as it has many advantages like trained personnel, infrastructure and English-speaking medical staff. "Medical tourism to Kerala is not just cost savings or the high standard of medical care facility, but even the waiting time for medical surgery treatment procedures in Kerala and India is much lower than in any other country.

Kerala also offers a growing number of private centres of excellence where the quality of care is as good as or better than that of big-city hospitals in the US or Europe

Promoting medical value travel in Kerala, with the



right thrust from all quarters, the health tourism industry in Kerala can boom to become the global leader. Observing that the medical tourism sector in the country is expected to grow from the current \$3 billion to \$7-8 billion by 2020, government would come up with an integrated plan for building up the sector. "Health tourism has evolved from a concept to a much in demand reality whereby foreign nationals are now looking at Kerala to receive medical care and attention. Gone are the days when one had to travel abroad to receive quality healthcare and treatment. As more and more patients from Europe, North America and other affluent regions with high medical costs and long wait-lists are looking for effective and affordable options, medical healthcare travel to Kerala would see a rise.

Source : <http://www.ndtv.com/kerala-news/kerala-set-to-emerge-as-global-health-tourism-hub-1238260>

FIRST MEGA TOURISM CIRCUIT TO BE DEVELOPED IN KERALA

Kerala will soon house one of the first mega tourist circuits in the country with the Centre approving the state Tourism Department's proposal for creating a world class eco-friendly project in Gavi-Vagamon region. The 150-km long circuit in the Pathanamthitta-Gavi-Vagamon-Thekkady region in central Kerala will have a variety of new facilities such as trekking, archery and rock climbing. The Pathanamthitta-Gavi-Vagamon-Thekkady project will be among the first such tourism projects to be built



under the new Swadesh Darshan scheme. Based on the theme of eco-tourism, the Gavi-Vagamon project will have an expenditure of Rs 95 crore, funded by the Union Tourism Ministry. The development of a Mega Tourism Circuit will not only create tourism infrastructure with global standards, but also lead to creation of jobs and livelihoods for the people of our state and growth of our local communities. As a picturesque region, the new circuit will certainly help in further increasing the number of domestic and international tourist arrivals in our state. The state tourism department had submitted a proposal for the circuit estimated at Rs 200 crore. Under the sanctioned project, Rs 30 crore will be spent for Pathanamthitta and Gavi and Rs 65 crore for Vagamon and Thekkady.

Source : <http://www.travelnewsdigest.in/?p=28340>

GOVT TO DEVELOP 78 LIGHTHOUSES AS TOURISM CENTERS

Realizing the immense potential lighthouses in India have as attractive tourism destinations, the Ministry of Shipping, along with the Directorate General of Lighthouses and Lightships (DGLL) has drawn up an ambitious programme to develop 78 lighthouses in the country as centres of tourism in the first phase under Public Private Partnership (PPP). Enthused by a higher tourist footfall at historic lighthouses of Mahabalipuram and Cannanore, the government has decided to develop 78 more such structures across India in PPP mode in the first phase to unlock their rich history and heritage. India has 189 lighthouses dotting its 7,517-km vast coast line, including the Andaman and Nicobar Islands in the Bay of Bengal and Lakshadweep Islands in the Arabian Sea.

The identified lighthouses are in Gujarat, Maharashtra, Goa, Karnataka, Kerala, Lakshadweep, Tamil Nadu, Puducherry, Andhra Pradesh, Odisha, West Bengal and Andaman and Nicobar. Steeped in rich maritime heritage, each lighthouse has its own story to tell and has tremendous tourism potential to be tapped.

The land adjacent to these lighthouses may have hotels, resorts, viewing galleries, maritime museums and heritage museums, adventure sports facilities, thematic restaurants, souvenir shops, LASER shows, spa and rejuvenation centres, amphitheatres and allied tourism facilities to attract tourists, subject to viability and clearances.

Source : http://www.business-standard.com/article/news-ians/government-to-develop-78-lighthouses-as-tourism-attractions-115101301153_1.html

AIR INDIA LAUNCHES 'HOLIDAY PACKAGES

Ashwani Lohani, CMD, Air India and senior officials of state tourism departments met in New Delhi recently to work out the modalities of the Incredible Air India Holiday Packages to be launched from December 1, 2015. Among the states represented were Maharashtra, Karnataka, Sikkim, Gujarat, Uttarakhand, Himachal Pradesh, Uttar Pradesh, Rajasthan and Jammu & Kashmir.

Under the packages, tourists will have the option of choosing from three-four packages in each state. The packages will cover a wide range of interests like wildlife reserves, religious places, adventure sports like skiing in Gulmarg and Srinagar, paragliding in Kangra, forts, museums, festivities & fairs like Pushkar in Rajasthan. The two nights/three day



packages will be attractively priced and will be available for direct purchase from the Air India National carrier would be increasing the intra-state connectivity with the ATR-72 aircraft, operated by subsidiary Alliance Air. Alliance Air is currently operating ATR-72 flights under the Viability Gap Funding (VGF) basis, in the northeastern states, Andaman & Nicobar Islands, Lakshadweep Islands, Karnataka and Puducherry.

Source : http://zeenews.india.com/business/news/companies/air-india-to-offer-incredible-india-holiday-packages-from-dec-1_1809090.html

INDIAN RAILWAYS LAUNCHES IT ENABLED PASSENGER SERVICES

The Railway Minister Suresh Prabhakar Prabhu launched a number of IT enabled passenger services.

1. Paperless Unreserved Ticketing through Mobile Phones on suburban stations over Central Railway
 2. Paperless Platforms tickets at Chhatrapati Shivaji Terminus, Dadar Central, Panvel, Thane and Lokmanya Tilak Terminus, Andheri, Mumbai Central, Borivali, Dadar Western, Dadar Central, Vasai Road, Bandra, New Delhi and Nizamudding stations on Northern Railway, Western Railway and Central Railway
 3. Paperless Season tickets on suburban sections of Western Railway, Central Railway and New Delhi-Palwal Section of Northern Railway
 4. Currency, Coin-cum-Card operated Automatic Ticket Vending Machines at various suburban stations on Central Railway and Western Railway
 5. Train Enquiry Mobile Application on iOS platform.
- Moving ahead in the direction of making Digital India, System for Paperless Unreserved Tickets, Paperless Season Tickets and Paperless Platform Tickets through Mobile Phones, in the Mumbai Suburban system of WR and CR and Delhi Palwal section of Northern Railway. Ticket Vending Machines will also be available that will be operated by currency, coin or card. Created by Centre for Railway Information Systems (CRIS), the UTS service is available for Central (Mumbai), Western (Mumbai) and Northern Railway (Delhi) where passengers can book paperless platform and season tickets through the App. Additionally, the minister also unveiled the National Train Enquiry System (NTES) for iOS where passengers can find out live train statuses

Source : <http://www.travelnewsdigest.in/?p=27839>

SERVICE INDUSTRY EXPANDING RAPIDLY IN 8 MONTHS OWING BOOST FROM NEW BUSINESS

India's services industry expanded at its fastest pace in eight months in October as new business rose with discounting probably stoking demand, a survey showed on Wednesday. The survey results are likely to provide some comfort to policymakers after a sister survey on Monday showed India's manufacturing growth cooled to a 22-month low in October.



The Nikkei/Markit Services Purchasing Managers' Index rose to 53.2 in October from September's 51.3, marking a fourth month above the 50-level that separates growth from contraction.

Growth was underpinned by a surge in new business, which hit its highest since February. But the improved activity came as firms cut prices again in October - the second month in a row companies have had to resort to discounting to drum up new business. A sub-index measuring prices charged was 49.6, just marginally higher than the previous month's 49.5.

The last time firms reported cutting prices in consecutive months was in early 2009, when overall business activity was below-50 levels.

"Services companies saw a faster rise in new business than their manufacturing counterparts, with data implying that price discounts supported growth of new projects," said Pollyanna De Lima, economist at Markit.

Lower prices charged to consumers will probably help further cool India's retail inflation, currently at 4.41 percent. The Reserve Bank of India, however, is not expected to ease policy anytime soon after it cut the benchmark lending rate four times since January, most recently in September, in an effort to boost growth.

GOVT CLEARS PROJECT TO SKILL 5 MILLION INDIANS

The government has approved a project entailing World Bank assistance worth \$1 billion to provide skill training to over 5 million people.

Skill Training for Employability Leveraging Public Private Partnership (STEPPP) project was cleared by the Department of Economic Affairs, the Ministry of Skill Development and Entrepreneurship (MSDE).

"The project will see a World Bank assistance of USD 1 billion and is expected to provide skill training to over 5 million people in addition to strengthening the

skill training infrastructure in underserved geographies and sectors".

Welcoming the partnership with the World Bank, Union Minister for Skill Development and Entrepreneurship Rajiv Pratap Rudy highlighted the importance for an integrated approach towards Skill India.

"The target for skill development in India is huge and requires a partnered effort by the centre, states, industry, PSUs, and trainers. The association with the World Bank is of strategic importance to achieve the Prime Minister's vision to make India the skill capital of the world", said Rudy.

Prime Minister Narendra Modi had launched the National Skill Development Mission (NSDM) on July 15 this year.

The skill training project aims to implement the mandate of the NSDM through its core sub-missions, among other objectives. The STEPPP project will be implemented in mission mode through World Bank support and is aligned with the overall objectives of the NSDM.

Source: <http://timesofindia.indiatimes.com/good-governance/centre/Govt-clears-project-to-skill-5-million-Indians/articleshow/49923943.cms?>

INDIA'S INTERNET USER BASE TO TOUCH 400 MILLION BY DEC: IAMA

Number of internet users in India is expected to touch 402 million by December, making it the second largest internet base in the world after China, the Internet and Mobile Association of India (IAMA) and IMRB International said on Tuesday. India currently has 375 million internet users.

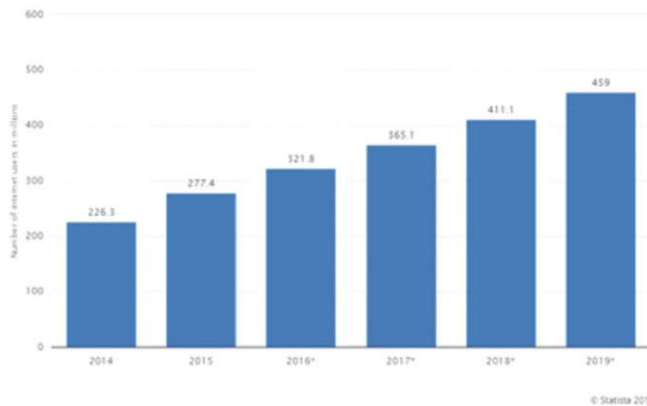


IAMA spokesperson Nilotpal Chakravarti said the agency calculated unique users to arrive at the 375 million internet users. Of which, 276 million users accessed internet on mobile phones.

On October 17, the Telecom Regulatory Authority of India had said that India had 117.34 million broadband users in August, of which 100.88 million were users of mobile phones and dongles. Broadband internet speeds is counted at 512 kbps or more. "While Internet in India took more than a decade to move from 10 million to 100 million and three years from 100 million to 200 million, it took only

a year to move from 300 million to 400 million users. Clearly, Internet is main stream in India today. And, the large internet users base is definitely a good news for the overall growth of the digital industry," IAMA and IMRB said in a statement. This year's growth was 49 per cent more than 2014.

This number is expected to further surge to 462



million by June next year with more people coming online, especially through their mobile devices, it said.

Number of internet users in India from 2014 to 2019 (in millions)

This statistic provides information on the number of internet users in India from 2014 to 2019. In 2015, India had 277.4 million internet users. This figure is projected to grow to 411.1 million internet users in 2018.

Source: <http://www.statista.com/statistics/255146/number-of-internet-users-in-india/>

MOBILE SECTOR TO ACCOUNT FOR 8.2 PER CENT OF GDP BY 2020, SAYS GSMA

As per The Mobile Economy: India 2015 report, the industry accounted for 6.1 per cent of India's **GDP** in 2014 with a total contribution of Rs 7.7 lakh crore to the economy.

"This contribution is forecast to almost double to Rs 14 lakh crore by 2020, which would represent 8.2 per cent of the projected GDP by that point," GSMA Head



of Asia Alasdair Grant told PTI while sharing details of the report.

The industry directly and indirectly supported 4 million jobs in 2014, a figure said to rise to 5 million by 2020.

"It also makes a highly significant contribution to the funding of the Indian public sector, contributing around Rs 1.1 lakh crore in 2014 in the form of taxation and spectrum auction payments," he said.

While India has over one billion mobile subscribers as per telecom regulator Trai, the report puts the unique user count at around 453 million at the end of 2014 and it is expected to cross 500 million this year.

The mobile subscriber penetration rate is also low as per the study at 36 per cent at the end of 2014 compared with 74 per cent projected by Trai. The penetration of mobile connections is also low compared with a 50 per cent global average.

Even at this number, India will account for almost half of all the subscriber growth expected in the Asia Pacific region over this period, the report said.

"We have focussed on the number of unique users irrespective of number of phones they have. Based on data from industry, we have considered people with dual SIM enabled phone, people owning multiple SIM in their name and arrived at the unique number of users in India," Grant said.

The report forecast that the subscriber penetration rate in India will reach 54 per cent by 2020.

India had 453 million unique mobile subscribers at the end of 2014. After crossing 500 million mark, the mobile industry is expected add a more than 200 million subscribers by 2020 to reach 734 million.

The move to mobile broadband networks is set to gather pace over the coming years with 3G and 4G deployments.

"Mobile broadband networks (3G/4G) accounted for only 11 per cent of Indian mobile connections in 2014, but are expected to make up 42 per cent of the total by 2020," the report said.

"The factor driving the migration to mobile broadband networks is the increasing adoption of **smartphones**, which has been fuelled by a raft of low-cost smartphones from both international vendors and homegrown smartphone manufacturers," Grant said. More than half a billion new smartphones connections are expected in India between 2015 and 2020, bringing the total to 690 million, up from 149 million in 2014, as per the report.

The report found that 13 per cent of the world's mobile subscribers reside in India and the subscriber growth is forecast to outperform the regional and global

averages over the coming years as the country cements its position as the world's second-largest mobile market behind China.

INDIAN IT INDUSTRY REVENUE TO REACH \$350B BY 2025: NASSCOM

The Indian IT industry is likely to get \$225 billion in revenue by 2020 and \$350 billion by 2025, with the share of digital technology investment in cumulative expenditures expected to rise to 60 percent in ten years' time.

Notwithstanding the economic headwinds which have slowed down the global economy, the revenues of the Indian information technology (IT) and services industry are expected to be around \$225 billion by 2020 and \$350 billion five years later, the National Association of Software and Services Companies (NASSCOM) said.

According to the Indian IT Ministry, revenues from the IT and services industry were estimated to be \$119.1 billion during 2014-15. Of this, IT exports accounted for \$98 billion, while the domestic market generated \$21.1 billion. The overall industry's growth over the last five years (in US billion dollars) is given below:

Industry growth/Year	2010-11	2011-12	2012-13	2013-14	2014-15	CAGR (2010-15)
Exports	\$59b	\$68.8b	\$76.5b	\$87.3b	\$98.1b	14.57%
Domestic	\$17.3b	\$19b	\$19.2b	\$19b	\$21b	7.99%
Total	\$76.3b	\$87.8b	\$95.7b	\$106.3b	\$119.1b	3.23%

(Source: NASSCOM)

The sectoral forecast was based on the report Perspective 2025: Shaping the Digital Revolution, released by NASSCOM along with its knowledge partner, McKinsey & Company, which conducted extensive research for over a year. The report also predicted that as the industry grows over the next decade, its mix of technologies and demands will change significantly. The share of digital technology investment in cumulative expenditures is expected to rise from 10% in 2014 to 35% in 2020, and 60% in 2025.

"About 80% of incremental expenditures will be driven by digital technologies. These could be platforms, cloud-based applications, big data analytics, mobile systems, social media, and cyber security, as well as services needed to integrate these technologies with legacy tech," the report added. India is the world's largest sourcing destination for the information technology (IT) industry, accounting for approximately 67% of the \$124-\$130 billion market. The industry employs about 10 million people, more than 50% of the jobs created in the technology sector in the last decade.

Commenting on the report, NASSCOM's senior vice president Sangeeta Gupta said that the Indian IT

industry has gone through tremendous evolution in the past few years and over the last decade, it has grown six-fold in revenues, with its contribution to India's GDP having increased from 3 percent to 8 percent. "As a matter of fact, IT sector is the biggest creator of net value added, contributing 60 percent to 70 percent of the net value added in the country by all sectors. With so many rapid changes on so many fronts, the industry is trying to understand and identify which emerging capabilities and trends provide new ways for organisations to compete or openings for new competitors," she told ZDNet.

Gupta further said that the report will help the industry understand the implications of these megatrends and the changing global technology and business services landscape, and will help in identifying innovative and disruptive technologies that will shape enterprises of the future.

The industry continues to thrive as it provides IT services three to four times cheaper than the US in the global sourcing market. Besides, several global IT majors like Microsoft, Oracle, Google, and others have opened their innovation centres in India in the last two decades, the report said.

The report, however, said that there has to be concerted action by the government, industry, academia, and NASSCOM to create the right conditions for the technology and services industry to sustain its momentum. The development agenda should bring government, industry, and academia together. Releasing the report last month, NASSCOM chairman BVR Mohan Reddy and vice chairman CP Gurnani said it identified innovative and disruptive technologies that would shape the enterprise of the future.

"We aspire to build cutting-edge solutions and services from India that will shape the digital revolution globally," they said. "Companies hoping to prosper in the new environment will have to closely watch six new service lines -- Internet of Things, cybersecurity, social, mobility, analytics, and cloud," said Noshir Kaka, managing director of McKinsey & Company, India.

17-YEAR-OLD DESIGNS NEW-GEN APPS FOR SOLAR POWER

Ministry asks research body to take it to commercial level

Armaan Puri says his grandfather and father keep talking to him about the solar energy sector every day and he "can't help but get inspired". The 17-year-



old resident of Delhi is putting that inspiration to good use. He has designed two mobile apps on solar power, which have been referred by the ministry of new and renewable energy (MNRE) to its fully-owned research agency National Institute on Solar Energy (NISE), to develop it further and take it to a commercial level.

It's actually in his DNA. Armaan is son of Ratul Puri, chairman of Hindustan Powerprojects (HPP), and grandson of Deepak Puri, founder of Moser Baer one of the first and most prominent players in solar panel manufacturing, apart from other products. HPP is a growing power generation company, with interests across thermal and renewable.

One of the mobile apps developed by Armaan is beneficial for roof-top solar establishments. Based on the concept of photo-sensitive sensors and physics engines, as Armaan puts it, the app converts the mobile into a sensor. "The mobile, when kept over the solar panel, recognises sunlight, the tangent and the intensity. It then directs the user at what degree and direction should the solar panel be to generate maximum power per panel per unit," he says, with a confidence belying his age.

The mobile app could not only be beneficial to commercial establishments using solar on their roof-top but also domestic consumers.

The other app is aimed at grid-connected solar power generating projects. It helps in forecasting a day before how much power a site would produce. The government is moving ahead with integrating large-scale renewable power with the national grid. Also, the electricity regulator has come out with guidelines on forecasting and scheduling renewable-based power.

"I met senior ministry officials and they liked the ideas and have asked me to work closely with research fellows at NISE," says Armaan.

Ministry officials who were showcased the apps say they were promising. "NISE would develop it further to make it commercially viable for us to endorse it," says an official.

So what are Armaan's future plans? Having interned at Stanford University last summer with a noted physicist, he is keen to join the university as a scholar next year. He has been designing apps since 2012 the first was a sharing platform for teachers and parents, and the second was a mobile game.

"My prime interest is the energy sector, as it has the highest potential," says Armaan. Solar energy, it seems, has got its youngest brand ambassador.

Shining young talent

- Armaan Puri is the son of Hindustan Powerprojects Chairman Ratul Puri and grandson of Moser Baer founder Deepak Puri
- Has been designing apps since 2012 the first was for his school and the second a mobile game
- Has developed two solar apps one for roof-top solar panels and the other is aimed at grid-connected solar power generating projects
- National Institute of Solar Energy to collaborate with Armaan to further develop these
- Having interned at Stanford University, he plans to join it as a student next year

Source: http://www.business-standard.com/article/current-affairs/17-year-old-designs-new-gen-apps-for-solar-power-115112800016_1.html



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