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India's Indigenous Aircraft Carrier



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Revealed: Details of India's Second Indigenous Aircraft Carrier

New details emerge about India's second indigenously built aircraft carrier.

India's second indigenous aircraft carrier (IAC-2), the INS Vishal, the second Vikrant-class carrier, is slowly taking shape. Recently, the Indian Navy outlined the specifications of this carrier in a letter of request issued to shipbuilders worldwide. Many of the details, including the tonnage and the physical dimensions of the carrier, are in line with older expectations. For example, the Vishal will displace 65,000 tonnes—25,000 tonnes more than the first indigenous carrier, the INS Vikrant.

The Indian Navy's Naval Design Bureau clarified other features: the carrier will travel at 30 knots, a hair above the Vikrant, and come in at a length of 300 meters, longer than the 262 meter Vikrant. The Navy's letter of request also outlines plans for the carrier to field between 30 and 35 fixed-wing combat aircraft and 20 rotary wing aircraft. In many ways, though this carrier will be the second in the indigenous Vikrant-class, it represents a significant upgrade over the first carrier, which was bogged down in delays ahead of its successful undocking in early June 2015. The Vishal and Vikrant, along with the modified Kiev-class Vikramaditya, will form the carrier backbone of India's Navy, and, with the decommissioning of the INS Viraat, the longest-serving aircraft carrier in the world, the total Indian Navy carrier count will stand at three.

The Navy's letter of request states that that carrier will be the first in the Indian fleet—and first non-Western carrier—to field a catapult launched but arrest landing (CATOBAR) aircraft launch system. There is a possibility that the CATOBAR system could incorporate General Dynamics' new electromagnetic aircraft launch system (EMALS) technology, pending a feasibility study with the United States. As I detailed in April, EMALS carries several benefits that could given the Vishal an edge over its regional competitors, notably China's Liaoning. cooperation on advanced aircraft carrier technology, including nuclear propulsion and EMALS, could prove to considerably alter the naval balance of power in Asia. Indian carriers could become the first in Asia to field a CATOBAR capability, drastically improving the rate at which carrier-based aircraft could take off in an operational scenario. In addition to operational benefits, EMALS would also reduce the airframe stress of CATOBAR launches for carrier-based aircraft, reducing maintenance costs over time. (For a demonstration of EMALS, check out this video posted from its preliminary testing phase aboard the first Ford-class U.S. carrier.)



According to Indian reports, defense firms from four states received the letter of interest regarding the IAC-2 project. These include Russia's Rosoboronexport, the United States' Lockheed Martin, France's DCNS, and the United Kingdom's BAE Systems. Lockheed could stand to win the contract given the broader conversation around carrier technology cooperation between the United States and India. Strategic considerations in both New Delhi and Washington may lead to heavy U.S. involvement in the IAC-2 project. Even if EMALS falls through due to feasibility considerations, the issue of nuclear propulsion alone leaves considerable room for cooperation.

Article Curtsey: **THE | DIPLOMAT** Read The Diplomat, Know the Asia-Pacific

http://thediplomat.com/2015/07/revealeddetails-of-indias-second-indigenous-aircraft-carrier/

As I wrote in The Diplomat earlier this year, U.S.-India

Career Special



PM Modi unveils Start-up India plan, eases norms to enter, exit



Prime Minister Narendra Modi, finance minister Arun Jaitley, commerce and industry minister Nirmala Sitharaman and delegates pose at the launching of the Start-Up India action plan at Vigyan Bhawan. (PTI)

Prime Minister Modi announced on Saturday a string of initiatives to support the country's startups, including three years of tax and compliance breaks aimed at cutting onerous government regulations and red tape.

Modi also reiterated plans to set up a Rs 10,000 crore start-up fund, first announced by finance minister Arun Jaitley in the interim budget of 2014-15. He also said start-ups would benefit from cheaper and faster patent applications, a capital gains waiver if the money is reinvested in a similar venture, as well as easier exit for failed projects.

While the announcements will likely help improve the environment for start-ups in India, it wasn't immediately clear how measures such as threeyear tax breaks could help small-bore, innovative ventures that struggle for years to break even.

Read | PM urges youth to tweet and sensitise Oppnabout Parl functioning

Modi's speech was made in the presence of some

of the biggest names in Indian and global start-ups who gathered in New Delhi for the launch of one of Modi's flagship projects – "Start-up India, Standup India".

"People who have achieved success are not just entrepreneurs but also adventurous. Success of entrepreneurs depends on their ability to take risk," he said.

"That's how [taxi aggregator] Uber became [god of wealth] Kuber," Modi said to peals of laughter from the audience.

India is home to the third-largest number of technology start-ups after the United States and Britain, and they attract billions of dollars in funding every year, despite crippling government regulation and red tape – a hurdle Modi referred to in his speech.

"A lot can happen if the government did not meddle. We are here so that you can tell us what we should not do," he said.



Modi said the government would make it easier for founders to exit their companies, responding to concerns that though it is difficult to start a company in India, it is almost impossible to shut one down. "We understand that to build a large and successful corporation, you cannot escape failure. I want to promote those who have the courage to fail," he said.

Read | Tax breaks, easy exit option: 10 highlights of Start-up India plan

"Those who run from water will never learn to swim. You have to drown once to be able to learn to swim."

The prime minister also sought to encourage startups in government purchases, which now have rigid qualifications based on experience and turnover.

"Turnover will rise if they get an opportunity. Experience has to begin somewhere. We are seriously looking to give relief on those, without compromising on quality. Nobody should be denied an opportunity because he is new," he said.

"The finance minister will do the rest, but since I have said all this in his presence, things should move," Modi said, as a Vigyan Bhawan packed with the best known entrepreneurs of the country, and some from overseas, applauded each of his announcements.

Earlier in the day, Jaitley said this year's budget, due February 29, will unveil taxation policies friendly to entrepreneurs, to help them build businesses for both the local market as well as global.

That, he said, would be the ultimate break from the so-called Licence Raj of shackles on businesses.



ACTION PLAN

Here's what start-up businesses can look forward to

No tax on profits, inspection for 3 yrs

Credit guarantee scheme

No capital gains if money invested in another start-up

Easy exit policy

Self certification-based compliance for labour and environment laws

Single-point Start-up India hub for clearances

Mobile app, portal for registrations

Handholding, with government acting as a friend and colleague

	intellectual property rights pro- n, 80% reduction in patent fee
chase	urage start-ups in govt pur- s, with relief in experience urnover criteria
Fund	with ₹10,000 crore corpus
Contraction of the second second	al scheme for women preneurs
Encou	uragement to incubation centres
Supp	ort to <mark>biotechnology start-up</mark> s
Progr	amme to encourage innovation

among students in 500,000 schools

In areas of technology, companies can scale up globally, but in areas of e-commerce like services, you need to be local. This is a country which has a huge domestic market to grow.

MASAYOSHI SON, SoftBank founder and CEO



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http://www.hindustantimes.com/india/remain-focussed-on-dreams-pm-modi-releases-start-up-india-action-plan/story-De1EY2EApqSqyE5W3CqEHP.html







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Senior Officials visited PMKVY Dimapur Centre



Deputy Commissioner of Dimapur Shri Kesonyu Yhome





Scholarship Launch Function @ Zamania Centre















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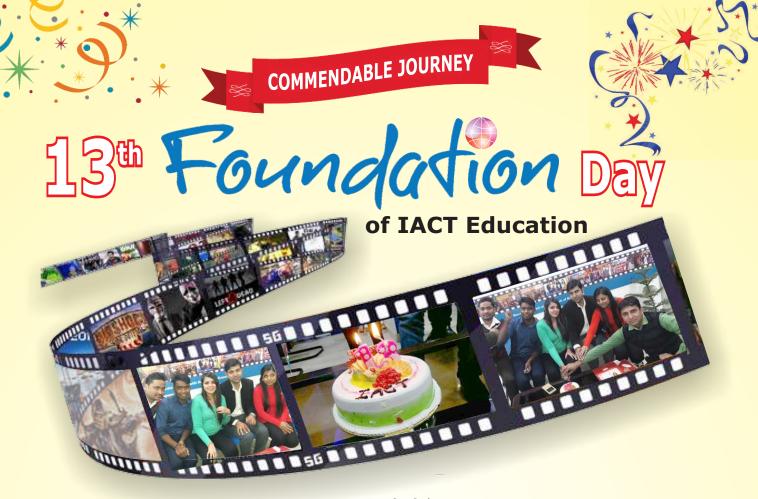


Career Special



Outing Trip of Chaibasa Centre





Dear Friends,

On the auspicious occasion of the 13th Foundation day of iact, I would like to congratulate you all on behalf of the iact family. The commendable journey of iact and all these achievements would not have been possible without you. 13 years back it was just a dream of few persons, all of you came together in realization of that dream.

Today **iact** does not need any introduction, the undying spirit of the team, hard-work of the franchisee's and the opportunities provided to us by our principals has helped us be what we are today. **iact** aims to reach out to students who are in need of computer education by making computer education easily accessible. In order to achieve this, last year **iact** collaborated with local authorities as well.

I assure you that in the coming years **iact** will come up with new proposals, which will have the franchisee's as well as the principals feel proud in their association with us and it will give us the opportunity to prove itself yet again.

Wishing that the prosperity of **iact** will continue in the same manner, I thank you all once again as it is due to your effort, your association with us and your best wishes which has helped us reach to this level and I wish for it continue in the same manner.

Thanking You

Rajiv Kumar

Director

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प्रिय मित्रों,

iact के 1 3वें स्थापना दिवस के पावन अवसर पर मै iact परिवार की ओर से आप सभी को हार्दिक शुभकामनायें देता हूँ। iact के इस उपलब्धियों भरे इस सफ़र की कामना आप लोगों के बिना करना लगभग असम्भव सा ही है। 13 वर्ष पहले यह चन्द लोगो का विश्वास भरा प्रयास भर था, लेकिन ज्यों-ज्यों आप लोग जुड़ते गये कारवाँ बनता गया।

iact आज किसी के परिचय की मोहताज नहीं है, हमारी टीम के अथक प्रयास, फेंचाइज़ी की कर्मठता व हमारे प्रिसिपल्स के द्वारा दिया गया अवसर हमें अपनी पहचान बनानें में सहयोगी रहा है। iact का उद्देश्य कम्प्यूटर एजूकेशन को आसान बनाकर उसे उन स्टडेंट्स तक पहुँचाना है, जो इसके असली हकदार हैं। अपने इस उद्देश्य में आने वाली व्यवहारिक समस्याओं के समाधान हेतु गत वर्ष हम शासनिक संस्थाओं से भी जुड़े, ताकि हमारा उद्देश्य और भी भली–भाति पूरा हो सके।

हम आपको यह विश्वास दिलाना चाहते हैं कि आने वाले वर्षो में iact कई नये प्रपोसल्स लेकर जायेगा, जिससे ना कि फेंचाइज़ी लाभाविंत होगे बल्कि हमारे प्रिसिपल्स को भी हम पर गर्व होगा और हमारी टीम को अपनी श्रेष्ठता सिद्ध करने का अवसर मिलेगा।

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सधन्यवाद

राजीव कुमार निदेशक

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