

PRESS RELEASE

MegaLab initiates global alliances to manufacture indigenous fourth generation vaccine for Covid.

- Domestic contract manufacturers with existing capacity to be appointed to produce 200 million doses per month based on indigenous technology.
- Global logistics leader to help develop end-to-end cold chain for delivery of vaccine raw materials and vaccines.
- Rs 75 crore sub-fund to be created by Mega Incubator to support start-up's involved in indigenous raw materials for vaccines. Biologics cluster in NCR and Mumbai to host the startups.
- India Vaccine Stack initiates next round of funding of Rs 700 crores from VC/ PE and social funds. Investment bankers being appointed.
- Sanjay Nagi, Vice-President of the PanIIT Forum to oversee decision support and project management.



New Delhi, June 1st, 2021: IIT Alumni Council announces plan to manufacture 200 million doses per month of indigenous fourth generation vaccine which will compete directly with global players in world market. Existing indigenous capacity will be adequate to meet world demand after repurposing

and addition of balancing equipment. New cold chain infrastructure to be speed-developed to handle requirements for nationwide delivery of the vaccine.

“IIT alumni council has taken up the challenge of developing and distributing an indigenous fourth generation vaccine for Covid 19. We have received enormous support from eminent Indian scientists and academicians of global repute, leading industry players including contract manufacturers & clinical trial experts, global equipment suppliers & design firms and start-up’s engaged across the supply chain. We are very hopeful of catalysing the availability of a fourth generation vaccine at much reduced prices. We also expect to backward integrate quickly so as to create a robust foundation for RNA based prophylactics and therapeutics across a wide range of diseases. This will strongly complement our Biologics work in the area of monoclonal antibodies” said Ravi Sharma, President of the IIT Alumni Council.

“We have been through the cost reduction and feature enhancement cycle in molecular diagnostics. Simple innovations like centralised labs, pool testing and lyophilisation helped drive down costs and eliminate wastage. Self-amplifying vaccines use the vaccine as a seed for the human body to produce the vaccine itself. This allows for a mRNA type vial of vaccine to be enough for hundred people instead of ten people. This reduces cost by 90%. Our MegaLab antibody initiative has been working on human harvesting and in-body amplification of injected material for over a year now. Our expertise in self amplification is fairly mature now,” added Sanjay Nagi, Project Director of the India Vaccine Stack.

About IIT Alumni Council

IIT Alumni Council is the largest global body of alumni across all the twenty-three IITs and partnering Institutes of the India Innovation Network (I2Net). The IIT Alumni Council aspires to catalyse India’s technological renaissance. Through its initiatives , IIT Alumni Council works to act as a network and as a bridge between various providers of wisdom, knowledge, information, ideas, expertise, wealth and entrepreneurship to promote technological solutions to social challenges. The Council initiatives do not seek or accept any donations from the public.

The C19 Task Force was set up by the Global Board of the IIT Alumni Council in March 2020 to supplement and complement the efforts of the central and state governments in the fight against C19. Its term ended on August 15th, 2020. Initiatives catalysed by the Task Force successfully include the NSCI Dome, Covid Test Bus, MegaLab, MegaTx and MegaIncubator. The India Vaccine Stack initiative is being launched on June 1, 2021. For more information on IIT Alumni Council or to register for the vaccine, please visit: www.iitalumniCouncil.org





A distinguished Alumnus of IIT Roorkee, former Corporate leader and now full-time Philanthropist - Ravi Sharma plays an active role in global revitalisation and unification of IIT alumni across countries, across IITs and across age groups. He is the President and Chief Volunteer of the IIT Alumni Council and also leads the Institute's Outreach & Branding initiatives. The main deliverables of the Council are facilitating alumni networking, fortifying Brand IIT and Brand India, catalysing alumni participation in nation building and accelerating technological developments in key areas of our economy including start-ups, manufacturing and digital transformation. The Council has six operating missions - Alumni Networking (PanIIT Alumni) , Mentorship (PanIIT Institute), Social Venture funding (PanIIT Fund), CSR Platform (PanIIT Foundation), a Thinktank (PanIIT Forum) a Biomolecule Mega Incubator (PanIIT Incubator). The IIT Alumni Council is now actively engaged in solving the corona crisis and has formed the C19 Task Force which has the participation of over 20,000 alumni and includes Mumbai University and ICT Mumbai as institutional partners. C19 Task Force initiatives include the 10 million tests per month MegaLab, the 50K litres harvested blood per month MegaTx and Rs 21,000 crore MegaFund.



Sanjay Nagi did his Mechanical Engineering from IITR in 1983 and started his career with Larsen & Toubro Limited. Since 1993, he has been a serial entrepreneur. Sanjay is credited with the development of the first Customer Satisfaction index in India which has been used by almost every market leader In the corporate sector to improve interfaces with their customers — from TATA to Godrej to Aditya Birla to BEL — every market leader has used these Indices to improve customer interfaces and take vital strategic decisions around sustainable value creation. Sanjay has assisted Mahindra & Mahindra to get the coveted Deming Award by developing a Supplier Satisfaction Index for them. After India privatized airports in 2006, Sanjay has been co — working with the Aviation Industry in enhancing pax satisfaction as well as assisting revenue enhancement — GMR, CIAL, BIAL and now Adani — all private players are patrons of his Decision Support Models.

Sanjay regularly mentors young Startups — many of them from the IIT community on Go To Market and Business Models — sometimes in just 2 meetings he is able to redraw the contours of the manner the Founder should approach the market. He has developed a Decision Support Model for Startup curation and is currently curating more than 25 Startups In diverse lines ranging from Biotech to clean beauty to EdTech, to fleet management to nutrition to personality to gamification etc- His work on innovation research and assessment is unparalleled in India — ranging from proving along with IIMB that the country's competitiveness is dependent on Innovation rather than SCM or Productivity to Decision Support on India's first dialysis centre outside a hospital to the relationship of R&D with Innovation. Sanjay Nagi Is also mentor to AICTE, GOI, TIDES, IITR and BSE Ryerson Incubator. He has been deeply involved In IIT Alumni Council initiatives.

Sanjay was appointed as a Life Fellow of IIT Alumni Council for the category – Decision Support which he does passionately and competently in business situations.

