



NEWS HIGHLIGHTS

Digitalization, smart integration, innovative technology: How 2019 will reshape the Fintech sector

5 million enterprises WhatsApping for business

Paytm may enter two more developed markets in 2019: CFO

Aetna, other health insurers team up with IBM on blockchain project

Today's View

Bringing AI to Barnyard

With the challenge of sustainably feeding the growing global population, poultry breeders have been looking at several ways to improve the traditional ways of poultry farming. As per **OECD and FAO** projections, 72 per cent of the increased consumption of meat across the globe will come from the poultry sector.

The adoption of emerging technologies can provide multiple benefits in poultry farming: ranging from improved bird welfare, reduced use of antibiotics to better production. Aside from the reduction in manual labour, there are opportunities for cost savings, such as optimized feed consumption and climate control, increased production through healthier flocks because of cleaner water and better systems management.

One such AI application in poultry farming is 'Chicken Deboning' which requires recognition of the shape and size of each chicken and individual adaptation. **SINTEF** has developed the robot **Gribbot** for chicken deboning that can debone a chicken in two to three seconds, reducing the manual efforts of up to 30 human operators.

On the other hand, poultry farmers are using AI to overcome significant challenges within the 'layer industry'. For example, Texas-based **Ovabrite** has developed the technologies to detect egg fertility and chick gender on the day of lay, providing significant cost savings within layer industry.

Akhil Handa
+91 22 6759 2873
akhilhanda@bankofbaroda.com

Pankaj Tadas
+91 22 6759 2880
pankaj.tadas@bankofbaroda.com

Paytm has no plans to leave Mall business: Vijay Shekhar Sharma

Paytm founder Vijay Shekhar Sharma has denied that the company is planning to exit the online marketplace business but said its newly-launched online wholesale business is expected to generate about 15% of the Paytm Mall's business in the coming years.



Source – The Economic Times

[READ MORE](#)

Date – 25th Jan 19

AI is also being used to monitor and control the environment of the poultry house. For instance, companies such as **Porphyrio, PMSI, Impex Barneveld** and **Intelia** are leveraging the information collected by the sensor and AI to adjust the conditions of the house or alert the farmer in real time if there is a potential issue such as an ill bird. In addition to this, 'Chicken Translators' is another AI application in poultry. The application records the sounds of the flock which indicate health, comfort and overall well-being. Researchers at the **University of Georgia and the Georgia Institute of Technology** have developed such 'Chicken Translators' to monitor the well-being and health of the chicken.

Similarly, companies are using AI to grade eggs as well as determine defects such as cracking or internal blood spots. It can also be used in assessing infertility in incubation by scanning eggs and identifying the fertility of eggs. Moreover, a research study in Brazil used AI to better understand hen behaviour and the difference in interactions under thermal stress versus a comfortable environment.

Technology is changing the way the international poultry industry does business. The extent to which AI will change the daily operations of traditional poultry farming is yet to be seen. However, with companies producing increasingly affordable technology, the 'digital poultry farm' of the future may be closer than we think.

Today's News

Digitalization, smart integration, innovative technology: How 2019 will reshape the Fintech sector

The Fintech sector started on a promising journey with advancement in technology and rising customer acceptance of digital transactions. However, the sector got its real calling in November 2016 when the demonetisation drive suddenly pushed a country-wide acceptance of digital transactions. Since then, the industry has set on a path of exponential growth in India, a trend that continued in 2018 and is expected to maintain momentum in years to come. With almost 400 firms operating in this place, the Indian Fintech space is estimated to grow at a CAGR of 22 percent for the next five years and the market is expected to reach \$ 2.4 billion by 2020 as per a recent report by Nasscom.

Source – Your Story

[READ MORE](#)

This Fintech firm lets you invest in start-ups, private companies for as little as Rs 50,000

Anurag Bhatia had a knack for trading since his school days. His business took off way before his wealth management company Minance came into existence. While working at Amazon India, Bhatia gave his employees stock tips and started making some money on the side. After tasting success, Bhatia decided to take it up full time. Bhatia, along with a friend, set up Minance in 2014, where he is the CEO and Head of Investments.

Source – Money Control

[READ MORE](#)

This News Letter has been prepared with the assistance of G Balakrishna and Pankaj Tadas

5 million enterprises WhatsApping for business

Facebook-owned instant messaging application WhatsApp said its platform meant for businesses has more than 5 million enterprises using it to interact with customers globally within a year of launch. Some users in India have claimed that more than 30% of their new sales now come through the WhatsApp Business platform, the company said.

Source – The Economic Times

[READ MORE](#)

Quick Heal bets on enterprise business to drive growth

Quick Heal Technologies is betting on its enterprise business to drive growth, even as the home-grown cybersecurity firm plans to also enter new segments within the retail, or consumer, space. The company will soon be launching a home network security solution, which would provide protection to various smart devices by replacing the existing router with its own.

Source – The Economic Times

[READ MORE](#)

Raymond taps B2B E-Com to link retailers and dealers

Raymond, India's largest textile & global conglomerate, will enter for the first time into B2B ecommerce to connect retailers & dealers in the clothing and textile space across India. According to sources in textile and apparel circles, Raymond had already enrolled 2500 retailers across India and has been running pilot tests for more than four months, including Ahmedabad and Surat.

Source – The Economic Times

[READ MORE](#)

Paytm may enter two more developed markets in 2019: CFO

Digital Payments Company Paytm is considering foraying into 1-2 more developed markets in 2019, Chief Financial Officer Madhur Deora said on Wednesday at the World Economic Forum in Davos. Paytm has already found its footing in Canada and Japan, and several commerce and financial services verticals of the company have begun to churn out revenue and profits, Deora told the Reuters Global Markets Forum.

"We have found the developed markets to be very interesting," Deora said. While the company can't commit to a definite launch in other markets, it is working on building a scalable business, he added. Berkshire Hathaway Inc bought a 25 billion rupees (\$356 million) stake in Paytm's parent company One97 in August last year.

Source – *The Economic Times*

[READ MORE](#)

Artificial intelligence is going to transform life of human beings: Amitabh Kant

With several leaders raising concerns about artificial intelligence (AI) and its impact, NITI Aayog CEO Amitabh Kant on Thursday said it is going to transform the life of human beings. "The challenge in India is very different to the Western world. We believe AI is going to transform the life of human beings," Kant said here at the World Economic Forum Annual Meeting.

"How do you provide better data, images to your doctors, how do you track individual students who are not performing well so you can improve learning outcomes. AI needs to be accessed in a very scientific manner for transforming lives of citizens," he said. Kant also said bringing in too many rules will stifle innovation and the objective is to use AI for the benefit of all.

Source – *Money Control*

[READ MORE](#)

Aetna, other health insurers team up with IBM on blockchain project

CVS Health's Aetna and a host of other health insurers said on Thursday they have partnered with IBM to create a blockchain network aimed at cutting costs in the healthcare industry. The companies intend to use blockchain technology, which allows the sharing of databases across a network of computers, for processing claims and payments and to maintain directories, they said in a joint statement.

Blockchain, the technology that underpins crypto-currencies such as bitcoin, is being increasingly adopted across varied industries. Financial services firms too note the distributed ledger technology has the potential to generate wide-ranging savings. Other companies involved in the project are health insurers Anthem, Health Care Service and financial services company PNC Bank.

Source – *The Economic Times*

[READ MORE](#)

Apple self-driving car layoffs are a nod to reality

Project Titan, Apple Inc.'s increasingly abortive plan to build an autonomous car, doesn't seem to have the strength its name implies. The iPhone-maker has dismissed about 200 people from the project, according to a Thursday report from CNBC. Some are being moved to projects in other parts of the company, as are other staff affected by changes at Project Titan, the report said.

Source – *The Economic Times*

[READ MORE](#)

Why peer-to-peer lending is struggling to take off in India

It was just before he demitted office in 2016 that the then RBI governor, Raghuram Rajan, the darling of the digital financial services sector, released a consultation paper on P2P lending. P2P lending enables individuals to borrow and lend money through online platforms that match lenders with borrowers, and was expected to disrupt the consumer lending business, like what digital transactions have done to consumer payment.

Source – *The Economic Times*

[READ MORE](#)

Cleantech startup ZunRoof raises angel funding

Cleantech startup ZunRoof said that it had raised an undisclosed amount in angel funding from Livspace founder Ramakant Sharma and Arun Diaz of Intellegrow, along with lead investors of previous rounds, including Pradeep Tharakan, Gaurav Gupta, Vismay Sharma, and others.

Source – *The Economic Times*

[READ MORE](#)

Disclaimer: The views expressed in this newsletter are personal views of the author and do not necessarily reflect the views of Bank of Baroda. Nothing contained in this publication shall constitute or be deemed to constitute an offer to sell/ purchase or as an invitation or solicitation to do so for any securities of any entity. Bank of Baroda and/ or its Affiliates and its subsidiaries make no representation as to the accuracy; completeness or reliability of any information contained herein or otherwise provided and hereby disclaim any liability with regard to the same. Bank of Baroda Group or its officers, employees, personnel, directors may be associated in a commercial or personal capacity or may have a commercial interest including as proprietary traders in or with the securities and/ or companies or issues or matters as contained in this publication and such commercial capacity or interest whether or not differing with or conflicting with this publication, shall not make or render Bank of Baroda Group liable in any manner whatsoever & Bank of Baroda Group or any of its officers, employees, personnel, directors shall not be liable for any loss, damage, liability whatsoever for any direct or indirect loss arising from the use or access of any information that may be displayed in this publication from time to time.