









Coimbatore region has always been unique in the historical pages of the milestones crossed by South Indian Bank. It always has the pride of being the first region formed outside Kerala on 21.07.1978 and is presently having fifty five branches and eighty six ATMs spread across varied geographical area covering over eight districts in Tamil Nadu. Rededication of RO premises by our MD & CEO Mr V.G. Mathew on 5<sup>th</sup> August, 2017



Corporate Family Magazine of **South Indian Bank** 

#### **Advisory Board:**

Mr. Sivakumar G., Executive Vice President (Credit) Mr. John Thomas, Sr. Gen. Manager (Business Development Dept. ) Mr. Paul V.L., General Manager (Admin)

#### Editorial Board:

Mr. Ajit C Jacob, Dy. GM (CRD) Mr. Peter A. D., Dy. GM & Principal, SIBSTC, Thrissur Mr. M. T. Jose, Dy. GM (Personnel) Mr. Biju E. Punnachalil, AGM (IRMD) Mr. Francy Jos E., CM (CCO) Mr. Nanda Kumar C., Manager, STC Mrs. Sherin Thomas, Clerk, HO Inspection & Vigilance

#### **Objectives:**

To instil in the bank staff a sense of belonging and involvement in the bank's affairs

- To appreciate and applaud the individual achievements of our members of staff
- To act as a communication medium between management and the staff
- To increase the professional competence of our bank staff

#### Inside

#### Message

#### Articles

"FIN-TECH" Collaborations with Fintech and Start ups— The Need of the hour Glossary – Fin Tech An introduction to Crypto Currency Distributed Ledger, Blockchain, Bitcoin ...

Javed Ahmed Rawther Deepak Damodar Deepu S. Amal Dev R.

Romita Chakraborty

Achievements Know your Branch & Know your BanK

#### **Regular Features**

Publisher: Mr. Thomas Joseph K. Executive Vice President (Operations) Editor Mrs. Sheela Davis, CM, Staff Training College Layout, Typeset & Printing Lumiere Printing Works Thrissur 680 020





SIB Mahila Achievers Day awardees Kalaripayattu veteran Padmashree Meenakshi Gurukkal, Ace athlete Padmashree Anju Bobby George and Playback singer Smt. Sujatha Mohan along with MD and CEO Sri. V.G. Mathew & Padmashree Bharat Mammootty.

Siblink Team Wishes a Happy & Prosperous New year



Mr. Reghunathan K N, Executive Vice President (Treasury) receiving the Award in the category - Best Private Sector Bank - Priority Sector Lending (Agriculture) from Mr. Harun Rashid Khan, Former Deputy Governor, Reserve Bank of India. Mr. Manish Sinha, Managing Director, Dun & Bradstreet India is also seen. India's Top Bank's & Banking Awards 2017 was conducted by Dun & Bradstreet.



Mr. John Thomas, our Sr. Gen. Manager - Business Development, delivering speech at the 26th Annual Management Convention of Thrissur Management Association. Mr. Nadir B. Godrej (MD, Godrej Industries), Mr. G Sreeram (MD & CEO, Dhanalaxmi Bank), Mr. K. Paul Thomas (MD & CEO, ESAF Small Finance Bank), Er. Christo George (CMD Hykon India & President, TMA), and Mr. V.P. Joseph (Former GM SIB & Past President TMA) are also seen.



# MD & CEO Speaks ....

Technology and banking have a very close association. Technological developments are redefining the way the banks and financial institutions interact with their customers. The advent of banking products and services through internet, mobile phones, apps etc., paved the way for emergence of Fintech companies which today compete with banks using technological innovations in the areas of e-payments, online trading etc. Social media companies such as Facebook, Twitter and Google have a huge customer base and are already into the financial sector, making the banking scenario even more competitive.

The millennials have different expectations and appetite for banking and they would prefer to avail of banking services at their own comfort through online and social media platforms. This changing customer behavior has further spurred the growth of Fintech.

Fintech has brought significant disruptions in the way people bank, especially in areas of payments and credit. The future of banking depends on the ability of the conventional banks to stay relevant by providing robust, comfortable and competitive service proposition to the end users. A number of banks including us are already working with Fintech companies to adopt and operationalise their innovative ideas and concepts.

Collaboration is the key in this field where many Fintech companies, though rich in ideas and innovation, do not have a structured platform for deploying their innovations whereas Banks do have such platform, but are short on innovation.

The current issue of Siblink will discuss a number of these aspects in greater detail. I hope all of you will enjoy going through this volume.

With season's greetings and best wishes for a very happy New Year,

#### **V G Mathew**

Managing Director & CEO



The future of banking depends on the ability of the conventional banks to stay relevant by providing robust, comfortable and competitive service proposition to the end users. A number of banks including us are already working with Fintech companies to adopt and operationalise their innovative ideas and concepts.



# Sublink

# **"FIN-TECH"** (Driver of a **paradigm shift** in the immediate future of banking sector)

"There's going to be more change in the financial services industry in the next 5 years than there's been in the last 30 years".

– Dan Schulman (Pay Pal CEO)

#### **1. OVERVIEW AND CRUX**

#### 1.1 What is 'Fintech'??

Fintech is the short form of *financial technology* that describes an emerging financial service sector in the 21st century. Originally, the term was applied to the technology and back-end of established consumer and trade financial institutions. From the end of the first decade of the 21st century, the term has expanded to include any technological innovation in the financial sector, including innovations in financial literacy and education, retail banking, investment and even crypto-currencies.

Financial Technology, nowadays better known under the term 'fintech', describes 'a business that aims at providing financial services by making use of software and modern technology. In the recent times, fintech companies directly compete with banks in most areas of the financial sector to sell financial services and solutions to customers. Mostly due to regulatory reasons and their internal structures, banks are struggling to compete with fintech startups in terms of innovation, precision and speed. Fintechs have realized early that financial services of all kinds - including money transfer, lending, investment, payments etc need to seamlessly integrate in the lives of the tech-savvy and sophisitcated customers of today to stay alive in this era where business and private life become increasingly digitalized. Especially millenials (people born between approx. the early 80s and late 90s) and the following generations prefer guick and easy banking services over walking down to a branch, appointments with bank consultants and time taking processes for meeting their banking requirements. On the contrary they prefer hassle free digital banking and ecommerce services, since the same allow for a more frictionless and stress-free platform.



**Romita Chakraborty** Asst Manager Br. Behala

#### 1.2 Breaking down the term 'Fin-tech'

The term financial technology can apply to any innovation in how people transact business, from the invention of money to double-entry bookkeeping. From the time of revolution of internet and mobiles the financial technology has grown leaps and bounds, and fintech, which originally referred to computer technology applied to the back office of banks or trading firms, now describes a broad variety of technological services clubbed into personal and commercial finance.

The buzz around fintech has gained substantial attention of traditional financial institutions, startups, venture capitalists and regulators. Banks and regulators are forced to revisit their operating model and policies respectively to create a conducive environment of collaboration and dynamism amidst the participants in the fintech ecosystem.

The year 2015 was a formative year for the Indian fintech sector, that has witnessed the emergence of numerous fintech start-ups, incubators and investments from public and private investors. It was clearly reflected that a right mix of technical skills, capital investments, government policies, regulatory framework and entrepreneurial and innovative mind-set could be the driving force to establish fintech as a key enabler for financial services in India. Formation of a robust fintech ecosystem where start-up firms engage in external partnerships with financial institutions, universities and research institutions, technology experts and government agencies is expected to be a key driver for growth and innovation in the fintech sector.

#### **1.3 Fintech's Expanding Horizons**

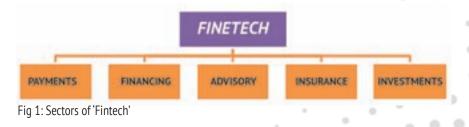
Already technological innovation has uplifted 20th century ways of trading and banking. The mobile-only stock trading app Robinhood charges no fees for trades, and peer-to-peer lending sites like Prosper and Lending Club promise to reduce rates by opening up competition for loans to broad market forces. Technologies being designed that should reach fruition by 2020 include mobile banking, mobile trading on commodities exchanges, digital wallets (like **Apple** (AAPL) and **Google's** (GOOG) developing mobile wallet systems), financial advisory and robo-advisor sites like LearnVest and Betterment, and all-in-one money management tools like Mint and Level.

#### 1.4 New Tech in Fintech

In the olden days, individuals and institutions used the invisible hand of the market represented by the signaling function of price - to make financial decisions. New technologies, like machine learning, predictive behavioral analytics and data-driven marketing, will lead to the dropping of the guess work and hocuspocus out of financial decisions."Learning" apps will not only learn the habits of users, often hidden to themselves, but will engage users in learning games to make their automatic, unconscious spending and saving decisions better. On the back end, improved data analytics will help institutional clients further screen their investment decisions and open new opportunities for financial innovation.

#### **1.5 Fintech Users**

Who uses fintech??? There are four broad categories: 1) B2B for banks and 2) their





business clients; and 3) B2C for small businesses and 4) consumers. Inclination of the present era towards mobile banking, increased information, data and more accurate analytics and decentralization of access will create avenues for all four groups to interact in heretofore unprecedented ways.

#### 2. THE EVOLUTION OF FINTECH

Fintech – a contraction of "finance" and "technology" is the use of technology in the financial services industry resulting in the introduction of new and innovative products and services, primarily through software. At the same time however, Fintech disrupts and challenges the way conventional and traditional financial services and products are offered by granting access to untrodden markets through alternative services supported by technology.

Fintech has resulted in the emergence of alternative financing through peer-to-peer lending and merchant financing by electronic marketplace operators to merchants. Other Fintech advances include equity crowdfunding; digital currencies which operate independent of any central authority or banks; payment and remittance systems which bypass traditional banking channels; and the use of big data and analytics to maximise available customer data to further leverage on customer relationships.

#### 2.1 Fintech from the 1950s to the Present

Fintech is a very diverse sector with a long history. Most people relate fintech only to the latest mobile app which can help them pay for their day to day expenses without even swiping a card or touching currency. But technology has always played a very vital role in the financial sector in ways that most people take for granted and might not ever see. In examining the timeline of fintech developments, the last 65 years present a picture of continued innovation and evolution.

The 1950s brought us credit cards to ease the burden of carrying cash. The 1960s brought ATMs to replace tellers and branches. In the 1970s, electronic stock trading began on exchange trading floors. The 1980s saw the rise of bank mainframe computers and more sophisticated data and record-keeping systems. In the 1990s, the Internet and e-commerce business models flourished. The result was the introduction of online stock brokerage websites aimed at retail investors, replacing the phone-driven retail stock brokering model.

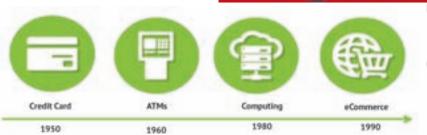


Fig 2: 'Fintech' evolution over last 6 decades

These five decades of developments have created a financial technology infrastructure which most people never think about, but use almost everyday. It's also important to note that throughout that 50 year period, fintech developments also created more sophisticated risk management, trade processing, treasury management and data analysis tools at the institutional level for banks and financial services firms. While these systems are not apparent to retail banking customers, they make up a multibillion industry aimed at supporting the needs of the financial services sector. The most interesting fact about the last 65 years of development in these technological advancements is that while they became mainstream and widely used by banks and their customers, the banking sector was not threatened. On the contrary, banks grew with the advent of these new technologies.

#### 2.2 Fintech Services Today

Now, in the early part of the 21<sup>st</sup> century, retail financial services are being further digitized via mobile wallets, payment apps, robo-advisors for wealth and retirement planning, equity crowdfunding platforms for access to private and alternative investment opportunities and online lending platforms. These fintech services are not simple enhancements to banking services, but rather replacing banking services completely. So, fintech can be thought of in two broad categories, *consumer-facing and institutional*. It is these consumer-facing fintech services which are quickly gaining customers and competing with banks.

#### **3. FINTECH "ECOSYSTEM"**

Together, governments, financial services companies, and Fintech startups form an ecosystem. From an innovation perspective, one's achievement encourages and helps others to perform. Companies see what the other is doing and make similar adjustments to their product offerings to sustain in this competitive environmet. There is also increased acceptance of new technologies, as one's addition of a certain technology helps fuel adoption. Ultimately, Fintech ends up being a very small world. The people with the financial expertise needed to inform Fintech projects and those with the technological abilities to make these suggestions come to life more often between companies, either through mergers, a consulting basis, or employment.

#### 3.1 Sectors of Fintech Ecosystem

- Consumer Lending: This is the section of Fintech responsible for lending money to individuals, such as through peer-to-peer lending companies. Examples: Lending Club, Prosper.
- Business Lending: There are also Fintech companies that provide ways for businesses to access additional capital through loans and peer lending. Examples: OnDeck, Kabbage.
- Personal Finance: Fintech companies also offer tools for individuals to manage their personal finances through better budgeting, tracking spending, and managing buyer rewards like credit card points. Examples: Mint, Credit Karma.
- Consumer Payments: Fintech powers payments as well, whether it's business to business (B2B) or business to consumer (B2C). Examples: Apple Pay, Samsung Pay.
- Payments Backend: Fintech companies also process those payments and handle employee payroll. Examples: ProPay, ADP.
- Point-of-Sale Payments: Payments consumers make in a retail setting are called "point-of-sale" or POS. Examples: PayPal, Square.
- Equity Financing: Financial technology companies also let businesses raise money through private equity. Examples: SeedInvest, Gust.
- Institutional Investing: Fintech companies work with institutional investors as well, providing ways for companies to manage portfolios and tools for conducting analyses. Examples: SumZero, Contix.
- Banking Infrastructure: Some Fintech solutions benefit financial companies directly through big-data analytics or API



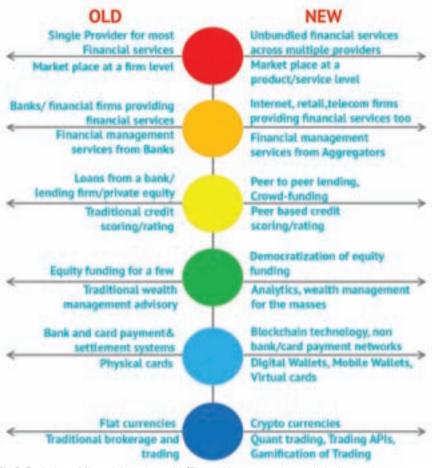


Fig 3: Evolution of financial services with 'Fintech' (a comparative analytic diagram)

integration. Examples: Mambu, Perzo.

- Financial Transaction Security: Fintech companies may also secure transactions through fraud detection and identity verification. Examples: Riskified, Centrify.
- Crowdfunding: Financial technology companies in crowdfunding help companies raise money without incurring debt or diluting ownership. Examples: Kickstarter, IndieGoGo.
- Retail and Commercial Banking: Some Fintech companies operate as alternatives to traditional banking services. Examples: Simple, Moven.
- Remittances: International money transfers are also included in Fintech. Examples: WorldRemit, Ebury.

# 4. PRESENT INDIAN SCENARIO AND DEGREE OF ADAPTIVITY TO FINTECH

Multiple factors differentiate markets worldover, and the Fintech sector is not an exception. India, with its own set of challenges and opportunities, stands out as a unique market for Fintech, especially the payments community. Keen interest from the government to reduce cash transactions (Initiative to go cashless and fully digital) with India being one of the largest cash-driven markets is seen as a major positive factor for the Fintech community. With low but rapidly increasing levels of digital/ internet penetration coupled with the government initiatives, our country is attracting investments and interest from around the globe.

According to the report of The National Association of Software and Services Companies (NASSCOM), India has a presence of around 400 companies in the fintech space, with an investment of about \$420 million in 2015. The NASSCOM report also estimated the fintech software and services market to grow 1.7 times by 2020, making it worth \$8 billion.

The India Fintech Awards (IFTA) is a platform to celebrate and recognise the best innovations from fintech companies.

The Indian fintech landscape is segmented as follows – 34% in payment processing, followed by 32% in banking and 12% in the trading, public and private markets.

Accelerators and incubators tapping the startup ecosystem include PayPal's Star Tank, Yes Bank's collaboration with T-Hub, among others. Visakhapatnam (Vizag) is being developed as fintech hub and the local government of Andhra Pradesh, had opened fintech Valley Tower to promote the investments in this area

India Fintech Forum represents the Indian fintech firms as part of the Global Fintech Hubs Federation (GFHF).

TheFintech industry is likely to continue its





#### Next-generation payment

- 46 per cent of indian fintech are focused on paymentts and trade processing
- Payment in'tistive such as UPI are expected to define the future of payments.

#### P2P lending

- 20 new P2P lenders in india in 2015.
- P2P on the verge of entering the regulatory paradigm.

#### Bank in a box

- Evolution of payment banks and RRBs creating a surge in demannd.
- Non finance corporations leveraging the technology stack of service providers

#### **Fincial inclusion**

- Vision 2020 aims to put financial exclusion to single digit.
- Fintech storming in due to a lot of government led initiative.

Fig 5: Seven major 'Fintech' Themes

current growth trajectory, with the global Fintech software and services sector predicted to touch USD 45 billion by 2020 at a Compound Annual Growth Rate (CAGR) of 7.1%.

At this stage, India has created an ecosystem that provides start-ups an opportunity to exponentially grow into big businesses. Right from delving into a range of unexplored segments to engaging with foreign markets, Fintech start-ups are delivering innovation that was previously difficult to achieve. The Indian Fintech software market is poised to touch USD 2.4 billion by 2020 from that of USD 1.2 billion in the FY 2016.

In the last few years, the Indian economy, which is significantly cash-driven, has taken advantage of the Fintech opportunity. With a wide range of options, including e-wallets, lending a nd insurance, the variety of services provided in this sector are plenty and have changed the pathway consumers carry out their daily transactions. Fintech in India is especially beneficial, since the country boasts of an unparalleled youth demographic which is rapidly growing. Furthermore, smartphone penetration is likely to witness an upward trajectory - from 53% in 2014 to 64% by 2018. The financial services market in India is primarily untapped, with 40% of the population having no association with any bank and more than 80% of the transactions carried out through cash. This represents an opportunity for Fintech start-ups to massively spread their wings in different segments.

# 4.1 Fintech themes – New driveway of Indian Financial Services

Emergence of fintech companies in India is a prelude to the transformation in payments, lending and personal finance space that has manifested in significant investor interest in the recent times. Fintechs are enabling the entire value chain of the traditional financial institutions to establish better and strong connections with customers and to provide new

#### Blockchain

- Industry coming together and exploring different hypothesis through hackathons.
- Indian IT companies venturing into Blockchain by opening innovation labs.

#### **Robo-advisory**

- Although miniacle at present, its applicability is gaining ground
- Can be revolutionary in personal finance management.

#### Security and biometrics

- Gaining ground with banks exploring voice recognition systems
- Aadhar linked biometrics can be crucial in the years to come.

#### Key bases adoption and maturity High Medium Low

avenues in the market.

Payments and financial inclusion have gained major market attention. At the same time, there is a strong case of investing in the lending and security biometrics space of Fintech. Slowly, a handful of companies are beginning to look at robo-advice and Banks are inclining to new investment avenues. Blockchain is an emerging tech-mammoth and has a potential for mass market implementation in future.

#### 4.2 Boosters of Fintech in India

A range of factors have contributed towards the success and development of the Fintech ecosystem in India. With India's population going digital at a very fast pace, the number of internet users touched 450-465 million in June 2017 and is expected to rise even further. With government's consistent efforts to promote digital services through 'Digital India' initiative, there lies an opportunity for existing Fintech



start-ups as well as potential investors in the immediate future.

Apart from this, the government's push towards financial inclusion for India's population is a critical factor as well. The launch of 'Jan Dhan Yojana' scheme aims to provide a bank account to every citizen. The Fintech start-ups can capitalise on such opportunities by offering simplified and efficient transaction services. The government's biometric identification database, Aadhar, contains information of over 1 billion Indian citizens; this is likely to minimise the effort required for first-level verification of customers.

Furthermore, to emphasize cashless transactions, the government has introduced tax rebates for traders accepting more than 50% as electronic payment.

#### 5. COLLABORATION OF FINTECH AND BANKING SECTOR- DISRUPTIVE OR BENEFICIAL?

The global Fintech industry is growing rapidly, driven by a powerful blend of innovative startups and major technology players. Banks that want to increase its potential must act now to find ways to engage with these innovative organizations to achieve value-creating collaboration. Unless banks and Fintech firms get better at working together, they will not reap the full benefits of innovation. They must partner, or they may perish.

Global economy, growing importance of innovations as well as wide use of technologies have changed the banking business worldwide. Financial technologies (Fintech) have become an integral part of banking, and nowadays banks have started to compete beyond financial services facing increasing competition from nonfinancial institutions providing, for example, payment services. The rapid rise of Fintech has changed the business landscape in banking asking for more innovative solutions. These recent tendencies require the banks to increase investment in Fintech, rethink service distribution channels, especially the business-to-consumers models, increase further standardization of back-office functions, etc. Some members of the financial services industry see the boom in Fintech as a threat to traditional banking industry. Others believe that Fintech has become a challenge that can be turned into an opportunity as it provides more flexibility, better functionality in some areas, and aggregation of services.

Much has been said and written about the impending doom of banking, as customers begin to flock over to Fintech products and services. However, the claim that Fintech will kill banking is still an overstatement. Until very recently, banks had an uninterrupted monopoly over banking, financial, commercial, loans and investments. As banks got stuck firefighting the crisis and dealing with regulation, tech was able to focus on innovation and launch products and services that became integral to people's lives. Smartphones are arguably more valued by people over their wallets.

Since the global financial crisis of 2007-08, regulations have continued to evolve and become increasingly complex, which means more costly and time-consuming processes for banks. At the same time, a new challenge has emerged: Fintech.

Fintech innovators harness internet and mobile technologies and big data to offer a range of tools and services — from tech-enabled payments and crowdfunding, to currency exchange, online lending and wealth management services. The goal is to make financial services more efficient, and improve the services that customers get from their banks. Enter the Fintech firms, who unbundled the services offered by banks and even fused them together to be their verticals, focusing on simplifying the experience for users. It's this expertise in delivering convenience and that makes Fintech appealing.

#### 5.1 Fintech – An Oppurtunity not Threat for Banking Industry

The new wave of financial technology - better

known as fintech — is often portrayed as a disruptive force that threatens banks with new, agile and tech savvy competitors. Fintech is transforming the way people and companies connect with their banks, and the way banks manage their back office operations.

However the issue can be looked at with a different angle. Fintech complements rather than threatens banking institutions. Banking has always been about technology, so today's fintech innovation boom represents evolution rather than revolution for traditional banking. It is supplementing and diversifying the existing financial system – not replacing or disrupting it.

#### 6. CONCLUSION- HOW FINTECH IS RESHAPING BANKING

"The threat of Fintech is the impact it will have on customer expectations towards banking services"

# 6.1 Banks Share of advantages over Fintech firms

Reasons why nonbank fintech firms still face big challenges in competing with banks:

- Banks have have history and trust with their customers: Banks are far too involved with their customers to be removed within any foreseeable time frame. Business partners and customers have been using the services of banks since well before the technology boom. There is a history and trust that exists between banks and their customers that fintech is still years away from rivaling.
- Banks have the deeper pockets : The market capitalization of Fintech companies is significantly lower than traditional banks.





# FinTech collaboration will enable banks to innovate and grow.

#### Fig 7: Advantages of Fintech intervention in banking sector

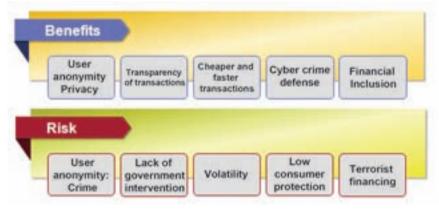


Fig 8: Benefits and risks associated to Fintech

Banks also usually have better name recognition. Having such a large market cap is a signal of security to customers. On the other hand, smaller cap companies are more susceptible to turbulence and market volatility – things business customers would rather avoid.

Banks maintain robust sales and development programs: Although Fintech has made strides in improving the efficiency and ease of use for consumer products, traditional financial institutions have the physical sales force that is best equipped to help customers recognize and navigate technological and structural changes. Fintech companies usually have smaller marketing and sales organizational structures, favoring digital solutions over humans. Customers often need and prefer personal interaction and confirmation when dealing with money management and making any changes.

Banks have big data. Although several fintech startups are exploring big data opportunities, banks still have the upper hand with respect to big data. After years of data collection, banks have in store large incumbent customer bases and data records regarding customer transactions and behavior. This information is a tremendous asset that banks possess, not fintech

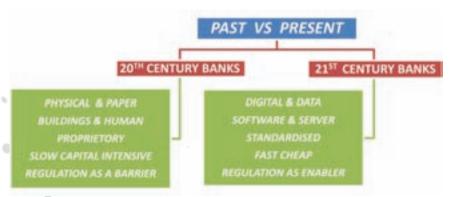


Fig 9: Comparison of banking scenario over time with the advent of Fintech

companies. This data can be used to identify customer requirement for new payment services and to mitigate and underwrite risk in innovative ways.

#### **6.2 Joining hands for a win-win partnership** *Competition between banks and new entrants may give way to direct collaboration across the Fintech ecosystem.*

In such case, both parties should profit. Potential opportunities span from product design and development by the start-ups to distribution and infrastructure capabilities by banks. However, several major impediments inhibit business relations between banks and Fintechs. From the banks' perspective, Fintechs lack the proper IT security and regulatory certainty, while Fintechs believe banks can be difficult to work with due to differences in management and culture as well as differences in operational processes.

B2B solutions get at the heart of what often ails legacy financial institutions, antiquated technology that is difficult to maneuver. Banks are increasingly utilising open development and Software-as-a-Service (SaaS) solutions offered by Fintech start-ups in an effort to easily integrate and streamline operational capabilities and move toward digital/mobile delivery. The incorporation of application program interfaces (APIs) enables third parties to develop value-added solutions and features that can easily be integrated with bank platforms.

#### 6.3 "PATH TO FOLLOW"

- Banks should continue to monitor developments in the Fintech space, including regulation, new products and activities. Banks should not consider Fintechs as a disruptive agent but an avenue to enhance the technology in the immediate future to serve the customer even better.
- Banks should be proactive in determining how they can compete or partner with Fintech companies to provide more efficient and desirable services to customers.
- Banks should look at how Fintech companies can assist with meeting regulatory obligations and reducing risk through innovative technologies.

# Collaborations with Fintech and Start ups-The Need of the hour

Fintech - an acronym for Financial Technology is the new buzz word across the globe and is awakening banks and financial institutions alike to be aware of the challenges and new possibilities that awaits them in the near future. It has been imperative for banks, irrespective of region and geography to embrace the future and be open to the idea and challenge of technology taking centre stage in the field of banking with emerging and disruptive technologies like Block Chain, Augmented Reality, Virtual Reality, Artificial Intelligence, Robotic Process automation, IOT(Internet of Things) to name a few.

blink

Fintech companies make a huge difference in accelerating the pace at which change happens are also responsible for reshaping the financial services industry radically. Banks have shown keen interest in recognizing the potentials of fintechs which the sole objective to collaborate with them so as to ensure and usher in enhanced products and value to their customers which in turn helps in retention and long term relationships.

#### Initiatives taken up by South Indian Bank

#### VR and AR (Virtual Reality and Augmented Reality)

Virtual reality (VR) is a computer technology that uses Virtual reality headsets, sometimes in combination with physical spaces or multiprojected environments, to generate realistic images, sounds and other sensations that simulate a user's physical presence in a virtual or imaginary environment. Augmented Reality is a live direct or indirect view of a physical, real-world environment whose elements are augmented by computer-generated sensory input such as sound, video, graphics or GPS





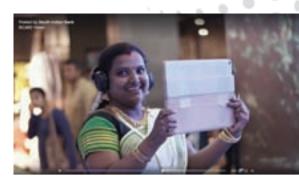
Senior Manager Digital Banking Dept.

data. Augmented reality enhances one's current perception of reality, whereas in contrast, virtual reality replaces the real world with a simulated one

Augmented reality and Virtual Reality is auickly becoming one of the hottest trends in the marketing and advertising industries, recognized as an innovative and creative way of connecting with customers and increasing engagement.

In order to bring out unique experience for its customers and to ensure a positive brand engagement exercise, South Indian Bank partnered with Ms VRnxt, a Tech Start up to rollout Vallamkalli (Snake Boat Race) experience using VR/AR technology which was something unique and novel and was showcased in select malls in Kerala during the festive season of Onam. The response received for the event was very positive on the ground level and favorable reviews and response was also received from the social media platforms of our Bank where the 360 degree video of

**Onam celebrations:** RO Trivandrum



the boat race and the post event video was also uploaded.

#### SIBermart-Our very own E Commerce Shopping Gateway

Always innovating and finding new ways to engage with the customers is the order of the day and going one step ahead in this direction, we have partnered with Ms FTL Technology Systems ltd. a shopping web site platform aggregator and together we have launched SIBermart, an commerce Comparison Shopping Engine which will have the features of Search and compare prices of products across ecommerce portals and customer can choose the portal from where to make the purchase. Online and mobile customer's of our banks can access the SIBermart portal and validate their credentials. Post successful validation the SIBermart portals enables them to compare products across e commerce websites like Amazon, Flipkart, InfiBeam, Tata Clig, etc and move onwards to the respective selected portal. By giving an opportunity for customers to have an experience of retail shopping through the portal, we will in the long run be able to successfully engage the customers meaning fully and pro actively with the banks and its services.





#### The KITCHEN CAN- A Start Up Initiative

Having a very vibrant start up eco system is very essential to the community and country for the specific needs of enterprising minds, consistent job creation and value driven companies which can be engines of growth. A startup ecosystem is formed by people, startups in their various stages and various types of organizations in a location (physical or virtual), interacting as a system to create and scale new startup companies.

As an initiative to reach out to potential fin techs and startups to work with the bank and to showcase ourselves as a receptive partner to new initiatives and technologies, we have partnered with THE KITCHEN, a non profit initiative wherein a platform is provided for start ups and fintechs, especially in the areas of Fintech, Payments, IOT(Internet of Things), Virtual Reality, Robotics, Mobility etc and also other areas.

After Partnering with event , we have been able to take forward some of the relationships to the next level wherein Bank has been able to identify potential partners to collaborate for mutual benefit to ensure we have something unique for the customer to experience.

# Partnering with Maker Village Cochin ~ An Electronics Incubator.

As part of partnering with the KITCHEN CAN event, we had the opportunity to explore and to partner with Maker Village, Cochin, an electronics incubator which is a joint initiative by Ministry of Electronics and Information Technology (MeitY) and Indian Institute of Information Technology and Management Kerala (IIITM K), the nodal agency of the project, Kerala Startup Mission and Govt of





Kerala Management Association's Excellence Award 2017 (Special Jury Mention) M T Jose, Dy Gen. Manager (Personnel) and Sanjeev Soman K, Senior Manager (Personnel) receiving from Mr Deepak Vohra Ex-Indian Ambassador to Poland, for Innovative HR policies undertaken by our Bank

Kerala to promote consumer electronics based innovation and set up labs and innovation centers that focus on the current trend and emerging technologies of disruptive nature to bring India to the forefront of innovation in the electronics space.

We have been able to initiate discussions with startups based out of Maker Village to explore collaborative opportunities wherein a senior level delegation from the bank had done a screening of the start ups and their ideas. The bank intends to provide them a platform to support viable and feasible ideas which can be used for valid scenarios and to extract possible mileage out of collaboration.

#### **Block Chain**

One the technology to have most important impact on human history is blockchain, less commonly known as distributed ledger technology (DLT), and is the underlying foundation that can create shared digital databases of entries that are unchangeable Block chain is a foundational technology and is transforming internet from an internet of information to internet of value. Block chain will help you transfer value digitally across time and space .Block chain has evolved from being the base technology of bitcoin and is making its leeway into enterprise .Block chain is transforming every type of business and changing the business models across the world across industries. Blockchain is finding its use cases every industry, fintech, supply chain, IOT, healthcare to name a few.

Banks in India have been pro active in identifying the utility of Block Chain and how the same can impact the financial services sector in areas of remittances, trade finance, syndication, Corporate Loan, AML, KYC validations, Supply Chain Finance and other areas.

Banks are partnering with Fintech companies to collaborate and identify valid use cases to identify smoother processes and better validation and integrity. Bank Chain is a collaborative group wherein South Indian Bank is a member and together with Banks like SBI, ICCI Bank, Bank of Baroda and other major remittances house, work together to identify and leverage the platform of Block Chain to identify valid use cases in Banking and to initiate Proof of Concept based project which will eventually turn out to a Pilot Operation of the Technology which once validated can be moved into production.

#### To Sum it Up

Constantly innovating and improving is the hallmark of fintech companies and in the future, Banks will identify partnering with Fintech companies as a business model wherein the Fintech partners are treated as corporate clients who use the platforms offered by banks to reach out to newer audiences and banks. We are positioned in the industry to grab the opportunity of initiating collaborative partnerships with Fintech and other valid opportunities to ensure that the Bank and its customers benefits from the same and the journey has started in the right note.

# Siblink

#### **Inaugurations & Events**



**inauguration of R T C** at Coimbatore by Sri Benoy Varghese, SGM (Credit), in the presence of Ms Minu Moonjely, DGM & Regional Head, Mr Vincent Vellanikaran and Mr Anoop A V CMs, RO Coimbatore.



**Inauguration of First Aadhaar Enrollment Station** at Banerji Rd Br., Ernakulam by Sri. Raphael TJ, SGM and CIO, in the presence of Sri. Naushad, Regional Coordinator, UIDAI, Sri. Shelly Joseph, JGM and Regional Head, RO Ernakulam, Sri. Ajit C Jacob, DGM, Customer Relations Dept and Sri. Sreekumar Chengath, DGM, Transaction Banking Dept. on 08.09. 2017



**65<sup>th</sup> edition of Nehru Trophy Boat Race** was held on August 12, 2017 at Alappuzha. We were one of the sponsors and launched a motor boat branded with Bank's advertisement. The boat was flagged off at 9.00 a.m. by Mr. Joly Sebastian, DGM & Regional Head, RO Tiruvalla.



**Inauguration of our 52<sup>nd</sup> Extension counter** at St. John's Medical College & Hospital attached to branch Koramangala by Rev. Dr. Paul Parathazham, (Director, St. John's MCH) in the presence of Mr. Jose P. Varghese (DGM & Regional Head), Dr. John Joseph Alapatt (Bank Director) on 21.07.2017

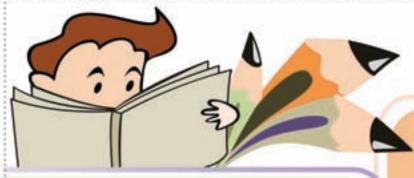


**Inauguration of Branch Nagpur Sadar** by Rev. Fr. Abraham V. (Archbishop, Archdiocese of Nagpur) in the presence of Sri. R. Murlidhar (ED -Finance, Sun flag Iron & Steel Co. Ltd.), Sri. Anup Kumar Satpathy (CGM, Container Corporation of India Ltd), Sri. T. P Joseph (AGM & Regional Head, R O Pune), Shri. Chintan Jain (BM, Nagpur Sadar) on 23.08.2017.



**Group Life Term Insurance claim** Rs.20 lakh handed over to nominees of Late. Smt. Elsy M.A. by Sri. V. L. Paul (GM Admin) and Sri. Thomas Antony (Reg. Head - SBI Life Insurance), Sri. M.T. Jose (DGM & Head - Personnel Department) along with other dignitaries.





This is a small and limited Glossary of Terms from the big world of Financial Technologies. Wherever possible the technologies are explained in relation to our Bank.

**API:** Application Program Interface. Software that allows two different softwares to communicate with each other instantly. In our HRMS system, when expense is verified the credit happens through API's from HRMS to Finacle

**BIG DATA:** Big data is a term for data sets that are so large or complex that traditional data processing application software is inadequate to deal with them. Big data challenges include capturing data, data storage, data analysis, search, sharing, transfer, visualization, querying, updating and information privacy. Implementation is under progress in our DBD in this area especially analytics of our big Customer data

**BIOMETRIC AUTHENTICATION:** Biometric authentication is a security process that relies on the unique biological characteristics of an individual to verify that he is who is says he is. Our HRMS system is having Biometric devices integrated to capture the attendance of employees.

**BLOCK CHAIN:** A record of all public bitcoin transactions updated in real time. A blockchain can serve as an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way. Lot of research is happening in this area in Banks and FIs

**CLOUD:** A virtual infrastructure that holds an unlimited amount of data and information. The practice of using a network of remote servers hosted on the Internet to store, manage, and process data, rather than a local server or a personal computer. Public and Private Clouds are being offered by various players. Banks are getting into this space carefully due to security concerns. However considering the cost advantage private clouds are getting popular in Financial industry

**CRM:** Customer relationship management (CRM) is a term that refers to practices, strategies and technologies that companies use to manage and analyze customer interactions and data throughout the customer lifecycle, with the goal of improving business relationships with customers, assisting in customer retention and driving sales growth. We are having the CRM solution from Microsoft. The solution is getting widened to capture more customer data.

**DIGITAL SIGNATURE:** A valid digital signature gives a recipient reason to believe that the message was created by a known sender (authentication), that the sender cannot deny having sent the message (non-repudiation), and that the message was not altered in transit (integrity). A digital certificate, an electronic document that contains the digital signature of the certificate-issuing authority, binds together a public key with an identity and can be used to verify a public key belongs to a particular person or entity. All our RTGS/NEFT messages

# **Glossary – Fin Tech**

are digitally signed before being send into RBI network.

**ENCRYPTION:** Encryption is the most effective way to achieve data security. To read an encrypted file, you must have access to a secret key or password that enables you to decrypt it. Unencrypted data is called plain text .Encrypted data is referred to as cipher text. All our Financial data is transferred in Encrypted form through the network. Watch out for the https in the URL address of Finacle, which means the data is encrypted and transferred

**ETHICAL HACKING:** An Ethical Hacker exposes vulnerabilities in software to help business owners fix those security holes before a malicious hacker discovers them. We do VAPT(Vulnerability Assessment and Penetration Testing) whenever we have a requirement to expose the software to Internet. This will assess the security vulnerabilities of the software and the same gets fixed on an ongoing basis.

**INTERNET OF THINGS:** The interconnection via the Internet of computing devices embedded in everyday objects, enabling them to send and receive data. Along with ATMs, banks can use IOT data in bringing on demand services closer to customers by providing kiosks, and increase the accessibility of services to customers.

**NACH:** National Automated Clearing House also known as NACH is the centralised web-based payment solution that helps the banks, corporate sectors, government and other financial institutions to handle bulk payments. NACH transactions are handled centrally in our Mumbai CTS Team. For DBT and other Govt schemes, we have CPSMS software to automate the credits into FINACLE.

**SCM:** Supply chain management (SCM) is the oversight of materials, information, and finances as they move in a process from supplier to manufacturer to wholesaler to retailer to consumer. Supply chain management involves coordinating and integrating these flows both within and among companies. We are in the process of implementing this solution which could cater to our corporate customers

**SSO:** Single Sign On (SSO) occurs when a user logs in to one application and is then signed in to other applications automatically, regardless of the platform, technology, or domain the user is using. The user signs in only one time hence the naming of the feature (Single Sign On). The SSO feature in Finacle where the same user can access, Finacle, Signature Module and Customer module in one single login is an example.

**SWIFT:** The Society for Worldwide Interbank Financial Telecommunication (SWIFT) provides a network that enables financial institutions worldwide to send and receive information about financial transactions in a secure, standardized and reliable environment. We have exclusive connectivty to SWIFT network for handling international transactions



Deepak Damodar Chief Manager IT Operations Dept





Defining crypto currency in its simplest form is that it is digital money, created from digital codes. Now since it is defined as "digital", how safe is it? How can you have a purely digital currency? Can't I just copy your digital currency and keep it? Its obvious that we will have such doubts getting raised in our minds. Just try to get some quotes from people around the globe regarding "Bitcoin", which is a worldwide cryptocurrency and digital payment system and you may come across in many promising statements.

"Bitcoin is a remarkable achievement and the ability to create something that is not duplicate in the digital world has enormous value" - Eric Schmidt, Executive Chairman of Alphabet Inc (Parent Company of Google).

If I have framed the introduction right, you may also be wonderstruck now that how a concept like crypto- currency survived, rather evolved to a stature that it is enjoying today. My objective is a sincere effort to explain the most important things about crypto currencies. Crypto-currencies have become a global phenomenon known to most people. While it is still in the grey area and not understood by many people, many in the world are getting aware of its increasing importance.

Let us try to understand crypto-currencies which emerged as a side product of another invention. Satoshi Nakamoto, the unknown inventor of Bitcoin, which is the first and still most important crypto-currency, never intended to invent a currency. In the nineties, there had been many failed attempts to create digital money. After seeing all the centralized attempts fail, Satoshi tried to build a digital cash system without a central entity. Like a Peer-to-Peer network (interconnected nodes without a centralized administrative system) for file



sharing. This decision resulted the birth of crypto-currency. In his announcement of Bitcoin in late 2008, Satoshi declared that he has developed "A Peer-to-Peer Electronic Cash System" which was a decentralized digital cash system.

So what was Satoshi's magic to realize this pure digital currency? Though the answer is a bit technical, we will try to understand it in a simple way. To realize digital cash, you need a payment network with accounts, balances, and transaction. One major problem that every payment network has to solve is to prevent double spending i.e. to prevent one entity from spending the same amount twice. In our payment systems, this is done by a central server which keeps record about the balances. In a decentralized network. there won't be such a server. So, how is this verification done in a decentralized network? Satoshi proved that it is possible to achieve this consensus without a central authority by employing every single entity of the network to do this job. Every peer in the network needs to have a list with all transactions to check if future transactions are valid or if there is an attempt to double spend.

Even if the peers of the network disagree about only one single, minor balance, everything is broken. This is the concept known as Blockchain and crypto-currencies are a part of this solution. Hence, crypto-currencies, if reduced to a simple definition, can be taken as limited entries in a database which no one can change without fulfilling specific conditions. This sound normal, but isn't it exactly how we define a currency?

Consider the money in your bank account: What is it more than entries in a database that can only be changed under specific conditions? You can even take physical coins and notes: they are also limited entries in a public physical database. Now, we all will agree that Money is all about a verified entry in some kind of database of accounts, balances, and transactions.

A crypto-currency like Bitcoin consists of a network of peers. Every peer has a record of the complete history of all transactions and the balance of every account. The transaction is known almost immediately by the whole network but only after a specific amount of time it gets confirmed. It is to be understood that confirmation is a critical concept in cryptocurrencies since crypto-currencies are all about confirmation. As long as a transaction is unconfirmed, it is pending and can be forged. Forging a transaction here is a long topic for discussion and I leave it to the reader if interested, to do a quick analysis on this and understand how it is near impossible to do that. When a transaction is confirmed, it is set in stone. It is no longer forgeable and it can't be reversed and it will become a part of an immutable record of historical transactions: of the so-called blockchain.

The next major term in a crypto currency network is "miners". Who are they? Are they like Gold miners? The miner's activity is the single most important part of crypto-currency system. Principally everybody can be a miner. Since a decentralized network has no authority to delegate this task, a crypto-currency needs some kind of mechanism to prevent one ruling party from abusing it. Imagine someone creates thousands of peers and spreads forged transactions This can result in system break immediately. So, Satoshi set the rule that the miners need to invest some work of their computers (processing power) to qualify for this task. In fact, they have to find a hash – a product of a cryptographic function – that connects the new block with its predecessor. This is the only important basis of a cryptologic puzzle the miners compete to solve. After finding a solution, a miner can build a block and add it to the blockchain. As an incentive, he has the right to add a so-called coinbase transaction that gives him a specific number of Bitcoins. This is the only way to create valid Bitcoins.



Only miners can confirm transactions. This is their major job in a crypto-currency network. They take transactions, stamp them as legitimate and spread them in the network. After a transaction is confirmed by a miner, every node has to add it to its database and becomes a part of the blockchain. For this job, the miners get rewarded with a token of the crypto-currency, for example with Bitcoins.

Now you would have understood that Bitcoins can only be created if miners solve a cryptographic puzzle. Since the difficulty of this puzzle increases with the amount of computer power that gets invested, there is only a specific amount of crypto-currency token that can be created in a given amount of time. They are called CRYPTOcurrencies because the consensus-keeping process is secured by strong cryptography. Crypto-currencies are not secured by people or by trust, but by pure mathematics. Due to its revolutionary transactional and monetary properties, crypto-currencies have become a success. You would now agree with me that crypto-currencies are digital gold. Sound money that is secure from political influence. Money that promises to preserve and increase its value over time. Crypto-currencies are also a fast and comfortable means of payment with a worldwide scope.

Like any other technology, it has got its problems too- they are private and anonymous enough to serve as a means of payment for black markets and any other outlawed economic activity. But while crypto-currencies are mainly used for payment, its use as a means of speculation and a store of value limits the payment aspects.

Crypto-currencies have three useful qualities in a currency, according to The Economist in January 2015: they are "hard to earn, limited in supply and easy to verify". Economists define money as a store of value, a medium of exchange, and a unit of account and agree that Crypto-currencies have some way to go to meet all these criteria.

My dear colleagues, I believe that the few minutes spent with this article would have helped you understand the world of digital currencies. The economy has always emerged: from Barter economy system to adopting gold and later on fiat money as the medium of exchange. Can digital currency will be adopted as the future medium of exchange? Well, only time can prove. Distributed Ledger, Blockchain, Bitcoin ...

Everyone will be familiar with the word Ledger or General Ledger, which is nothing but a book for recording and totaling transactions on accounts and provide the balance for each account. These ledger books were kept safely at each branch and all transactions of the branches customer are manually entered and tailed by the branch staff. Later, ledger books got replaced by computer files, where the records are maintained by specialized accounting software. But a customer from a bank's branch can do transactions with the same branch only as the account details are primarily kept at the home branch. As technology developed, banks upgraded to core banking software with centralized ledger maintained at banks data center using core banking applications like Finacle. With core banking in place, customers can bank with any branch of the bank with ease and also with ATMs and digital products like internet and mobile banking customer can do transactions round the clock.

With the advances in technology, ledgers are also getting revolutionized. In a view to provide a public, neutral and always available ledger with immunity to tampering, a new Distributed Ledger was introduced. A distributed ledger can be described as a ledger of any transactions or contracts maintained in decentralized form across different locations and people, eliminating the need of a central authority to keep a check against manipulation. All the information on it is securely and accurately stored using cryptography and can be accessed using keys and cryptographic signatures. Once the information is stored, it becomes an immutable database and is governed by the rules of the network. While centralized ledgers are prone to cyber-attack, distributed ledgers are inherently harder to attack because all the distributed copies need to be attacked simultaneously for an attack to be successful. Further, these records are resistant to malicious changes by a single party.

A distributed ledger is usually achieved by using peer-to-peer network with consensus algorithms to ensure replication of transactions across all the copies across the network. Distributed ledger technology has great potential to revolutionize the way governments, banks, institutions, and corporate work. It can help governments in tax collection, issuance



Amal Dev R. Asst. Manager IT IT Operations Dept.

of passports, record land registries, licenses and outlay of social security benefits as well as voting procedures. While the distributed ledger technology has multiple advantages, it's in a nascent stage and is still being explored to adopt in the best possible ways. Numerous banks trialed distributed ledgers for international payments.

One of the successful implementation of distributed ledger is 'BlockChain from Bitcoin'. it was originally conceptualized by an anonymous person or group known as Satoshi Nakamoto, in 2008 and implemented the following year as the accounting method for the virtual currency Bitcoin, where it serves as a digitized, decentralized public ledger for all transactions. BlockChain is constantly growing as 'completed' blocks (the most recent transactions) are recorded and added to it in chronological order, it allows market participants to keep track of digital currency transactions without central recordkeeping. In conventional banking terms, blockchain is like a full history of a financial institution's transactions, and each block is like an individual bank statement and the entire data is distributed to all the participants of the network. It is like everyone is having a copy of entire transactions.

Bitcoin, being the first successful implementation of distributed ledger technology as digital currency, it compensates for the lack of a physical coin by tracing the history of each transaction and logging that history each time a coin is transferred from one person to another. Each bitcoin trade makes available the full history of that bitcoin, in the blockchain. The blockchain database is shared by all nodes (computers connected to the network) participating in the Bitcoin system. Upon joining the network, each connected computer receives a copy of the blockchain, which has records, and stands as proof of, every transaction ever executed. In order for entries in the blockchain to be trustworthy and secure, Bitcoin relies on significant computational



00 ø

0

baced on a combination of the previous hash value, the new transition block, and a nonce

> Men VINUE

> > Nonce

new hash value contains in shart al perio

1991

Calificate new hardh values

The mining computers

New Nesh Value

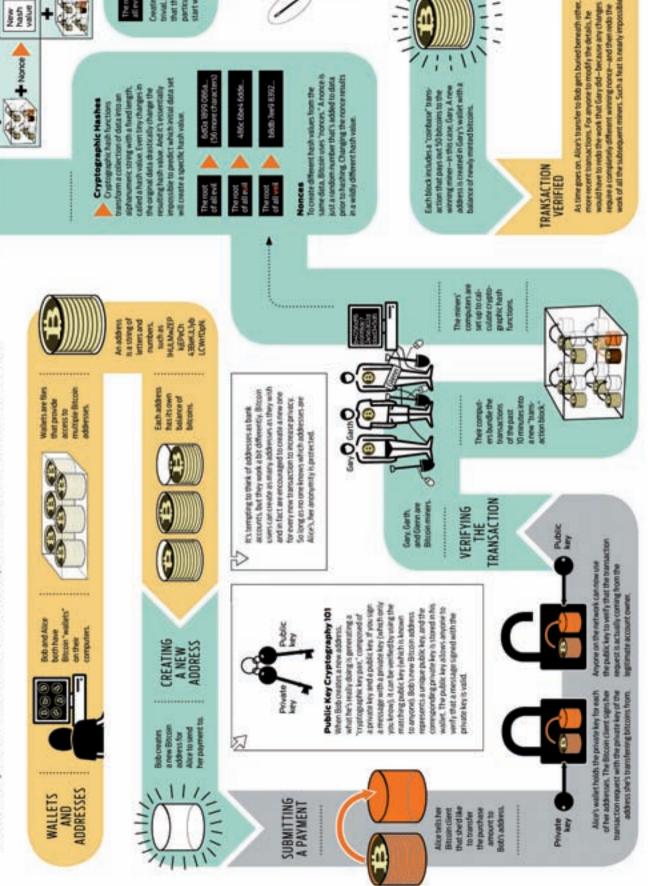
Nonce

New Visit value

Nonce

# **Bitcoin transaction works** How a

Bob, an online merchant, decides to begin accepting bitcoins as payment. Alice, a buyer, has bitcoins and wants to purchase merchandise from Bob.



roduce a hero **Ident which** 

**DOR NUL** 

The mimens

of amon

that the new ha tart with a cer

rivial but the

The roat of all evil 777

NCPS UNTIL The

r that w

1111

111/

C

d

d

Bob & Alice

diffen





Compliance Department at Kanthalloor-Munnar



Branch Thrissur North at Munnar

power and interested parties or "miners" to validate and confirm transactions, using a structured process for adding transactions records to the blockchain in return for rewards in form of Bitcoins. The use of the blockchain for bitcoin made it the first digital currency to solve the double spending problem without requiring a trusted administrator.

In the blockchain, bitcoins are registered to a bitcoin addresses. Bitcoin address is an identifier of 26-35 alphanumeric characters, beginning with the number 1 or 3, that represents a possible destination for a bitcoin payment. Addresses can be generated at no cost by any user of Bitcoin. Bitcoin address essentially is a public key (as in cryptography) with corresponding pair of private key is available only to the owner of the bitcoin address. These addresses are stored either in bitcoin wallets or in physical tokens just like a USB thumb drive. To be able to spend the bitcoins, the owner must digitally sign the transaction using his private key. The network verifies the signature using the public key and validates the transaction which will get added to the blockchain.

A blockchain consists of two kinds of records: transactions and blocks. Blocks hold batches of valid transactions that are encrypted into a hash value and encoded into a tree like structure. Each block includes the cryptographic hash of the prior block in the blockchain using the SHA-256 hashing algorithm, which links it to the previous block, thus giving the blockchain its name. This process of validating the transactions and encoding in to the block is called Mining, which is the record-keeping service done through the use of computer processing power. Miners keep the blockchain consistent, complete, and unalterable by repeatedly verifying and collecting newly broadcast transactions into a new group of transactions as a block. This iterative process confirms the integrity of the previous block, all the way back to the original genesis block. In order to be accepted by the rest of the network, a new block must produce a proof-of-work. The proof-of-work is a cryptographic task that requires miners to find a number called a nonce, such that when the block content is hashed along with the nonce, the result is numerically smaller than the network's difficulty target. This proof is easy for any node in the network to



'Personnel to Personal' at Indriya Sands, Kuzhippilly



Team RO Coimbatore at Fern Hill Palace, Nilgiris.

verify, but extremely time-consuming to generate, as for a secure cryptographic hash, miners must try many different nonce values (usually the sequence of values is 0, 1, 2, 3, ...) before meeting the difficulty target.

Bitcoin, being a virtual currency, have no official connection to the real economy. The bitcoin price or the value of the virtual currency is arrived from demand and supply of the bitcoin available in the market. Bitcoins are traded as assets in different virtual currency exchanges in the world. Bitcoins can be traded for almost all the currency in virtual currency exchanges, which makes it a possible way of international transfers. The price of bitcoin is very volatile which prevents the common man to invest and trade. This is partly due to liquidity, which is the amount of bitcoin that is flowing through the market at any given time.



.....

# Promotion



Mr. Paul V.L. Promoted as Senior General Manager (Admin)

### **Achievements**

#### IIBF Exam – Prize Winner2016-17



Mr. Biju E Punnachalil Asst. Gen. Manager Integrated Risk Mgmt. Dept Secured First - Highest Marks in Subject Central Banking –



Ms. Suma V George Sr. Manager **Chalakudy Branch** Secured First - Highest Aggregate in Dip. In Comm. Derv. Banker

Dinesh Ranganathan CN Helga Simon

Clerk

Valancherry

Nikhil K P

Asst Manager

T Subbulapuram

Asst. Manager

Chennai Nungambakkam

Prashanth M.A.

Manager

Pakalkuri



Mr. Nanda Kumar C Manager Staff Training College Secured First – Highest Marks in Subject Credit Management (Certified Credit Officer)

#### CAIIB



**Jithin Thomas** Clerk Chelakkara



Sibin Jacob Asst. Manager Attingal



Anusha Kurian Asst Manager Manathavady



Purwesh Prachee Vinay Kumar Chauhan Manager Jamshedpur

20



Clerk Elapully

Jithin Thomas

Senior Manager

Coonoor

Arjun Raj K

Asst Manager

Manager

Shimla

Nagapattinam

Antony George

Asst Manager

Gitanjali

Clerk

Shimla



Asst. Manager Thiruvalla



Megha Krishnankutty Jibin Jose Asst Manager Clerk Mumbai NarimanPoint Kozhencherry



Deepika Joshi Clerk Panchkula



Ronald Fernandez Prince Mathew T.J. Senior Manager Compliance Dept.



Soumya V H

Clerk

Trivandrum Chalai

Rajdeep Chakraborty

Clerk

Kolkata Burra Bazar

Chandigarh

Shivani Gupta Manager





Anna Lovely M X Manager

IT Operations Dept.

Clerk Annojiguda









Asst. Manager **CBE** Gandhipuram

Chelsy Jose Clerk Kasargode



Sruthi Narayan Asst Manager Peroorkada

Anusuri Satyaveni Clerk Manchirevula



## Achievements





Mr. Peter A.D. Dy. Gen. Manager Staff Training College



Mr. Paul Thaliath Dy. Gen. Manager Credit Department



Mr. Francy Jos E. Asst. Gen. Manager Secretarial Dept



**Pencil Drawing** 

Mr. George Joseph Chief Manager Secretarial Dept





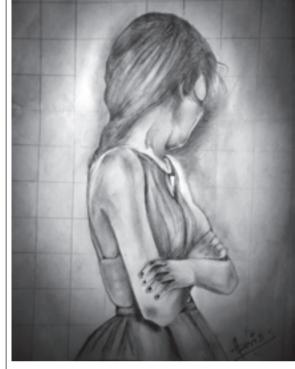
Nandana Sony D/o Mr. Sony A., Dy. General Manager qualified NTS Scholarship in National Talent Search Exam (NTSE) in Std, X conducted by NCERT. Now studying in XI<sup>th</sup> at Bhavan's Vidya Mandir, Elamakkara.



Vandana P. D/o Mr. Vinayachandran Ρ.. Palakkad Main Branch, has secured full marks (1200/ 1200) in Plus Two Board Exam Kerala 2017 (Science group).



Master Pessoa Mathews Sibi, S/o Mr. P. M. Sibi, Dy. General Manager who became the 'Under-10 kiddies individual champion' winning Silver in 100 meter race, 50 meter race and 100 X 4 meter relay in the 'All Kerala CMI School Athletic Meet'.



a.....



Haris M. Asst. Manager Perinthalmanna

# **JAIIB**



Sujithkumar S Clerk Bhavani



Anju Anto Clerk Ponnani



**Epson Thomas** Clerk Ernakulam Market Rd.



Maria Kallukaran Aimal Basheer Clerk Clerk Thrissur Main Karuvatta

Clerk



Irine Thomas Clerk Kandassankadavu



Mintu Jose Clerk Kanjirappally



Pro. Manager (CA) Chennai G T



Clerk



Clerk Madurai





Divya Lekshmi D. Asst Manager Clerk Trivandrum Main Idukki



Namboodiri Shreena K. Clerk, Ponnani



Sathi P. Assistant Manager Kannur



21









Preema M Jose Theodical













Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM CHITTUR Br. Code 0016 20-12-1963 ONSITE-1

Chittur is a town in Palakkad district of Kerala. Agriculture is the main occupation of the people. Music is the part of the life style of people.' Kongan Pada'is the main celebration here. There is plenty of weavers and spinning. Palakkad 16 km Coimbatore International Airport 65 km Chittur 1 km

Main Road, Devangapuram, Chittur

#### CHAVAKKAD MAIN Br. Code 0017 14-11-1964

3

Chavakkad is an NRI area. It is an important trading centre for fish and is close to Munakkakadavu Harbour Chavakkad is also famous for its beaches and Azhimokam Guruvayoor 4 km Nedumbassery 78 km Chavakkad 200 mtr H S Centre, EMKE Supermarket T T Devassy Jewellery

KOCHI- MATTANCHERRY Br. Code 0018 05-08-1932 2

Mattancherry is the erstwhile tradehub. The area is surrounded by backwater of Arabian sea and lots of tourists visits this place. Ernakulam – South railway station 9.6 km Kochi- Nedumbassery 41 km Bus stand -Cochin 2 km Koovapadam, Cochin

#### COIMBATORE RAJA STREET Br. Code 0019 04-11-1941 3 Market Area Coimbatore Railway Station 2 km Coimbatore International Airport 15 km Ukkadam 1 km 1 Onsite & 2 Offsite (Edayar Street and Ukkadam)

KODUNGALLUR Br. Code 0020 13-04-1971 2 Near to Famous Kodungallur Bhagavathy Temple Cheraman Juma Mazjid and Azhikode Beach Irinjalakuda 15 km Kochi- Nedumbassery 35 km Kodungallur 200 mts 1 Onsite - Ground Floor, Pavizham Tower 2 Offsite Near Mugal Mall, North Nada, Kodungallur











Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location Nearest Railway Station Nearest Airport Nearest Bus Statione) Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM



DINDIGUL Br. Code 0021 11.05.1966 2

Dindigul has a number of historical monuments, the Rock-Fort being the most prominent. Industries include lock making, leather, Textile spinning etc. Thalappakkatti Biriyani is the famous food in Dindigul. Dindigul Railway Station 2 km Madurai 88 km Dindigul 200 mtrs Onsite - Within Branch premises Offsite- St Mary's Building 1 km

ELAPULLY Br. Code 0022 14-10-1970

Onsite 1 Special food: Ramassery idly Kanjikode Railway Stattion 10 km Coimbatore 60 km Palakkad 13 km Elapully Para Junction

**ERODE** Br. Code 0023 31.03.1965 1 Onsite Erode is famous for Power loom textile Products, Handloom Products and Readymade garments, therefore it is known as **"Tex valley of India**" Erode is also known as Turmeric City as it is an important market centre for Turmeric. Erode - 1 km Coimbatore – 90 Kms Erode - 2 Kms Onsite

#### ERNAKULAM MARKET ROAD Br. Code 0024 10.12.1937 3

Located in the prime area of Commercial Capital of Kerala. Ernakulam Town 2 km & Erankulam South 2 km Nedumbassery 41 km KSRTC Ernakulam 2 km Onsite: 1 Offsite: St. Teresas College&GCDA Complex

# ERNAKULAM M G ROAD Br. Code 0025 13.05.1964

3

M G Road is the commercial high street with its array of famous Textile shops, Restaurants, Jewellery shops, it is the shopper's paradise of Kerala. M G road is also well known for shopping complexes and multiplex theaters. Ernakulam South Railway Station 1.5 km Nedumbassery Airport 40 km KSRTC Bus Stand, Ernakulam 1.5 km Onsite-1, Off-site- 1. IOC Pump, M G Road, Ravipuram 2. Near Hotel Yuvarani Residency, M G Rd













2

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location :

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM

Branch Name Date of Opening No. of ATM Specialty of the Location

Nearest Railway Station Nearest Airport Nearest Bus Station Location of ATM ERUMAPETTY Br. Code 0026 24-02-1971

The branch is near to Sacred Heart Forane Church Erumapetty. In our location there is mixed population. Both NRI, Small local business & Agriculture is here Wadakanchery 20 km Nedumbassery 75 km Erumapetty, 20 mtr Beside the branch

GOBICHETTIPALAYAM Br. Code 0027 16.05.1955 1 Small local business & Agriculture Erode, 37 km Coimbatore, 75 km Gobichettipalayam 500 mtr Beside the branch

#### IRINJALAKUDA Br. Code 0028 03-07-1946

2

Koodalmanikyam Temple which is the only Lord Bharatha Temple in Kerala and the St. Thomas Cathedral, famous for its "Ambu Perunal" are situated in Irinjalakuda. Irinjalakuda, 8 km Nedumbassery 38 km Irinjalakuda 1 km 1. Blaze Court, Opp. Boys High SchoolMain Road 2. Abhiman Towers Cathedral Jn, Chanthakunnu

#### KANCHIPURAM Br. Code 0029

26-10-1966 4 ATM

Known as the Temple city of Tamilnadu and is famous for kanchipuram silk sarees. Other major occupation of kanchipuram is Agriculture and Tourism. B Kovil idly is one of the most popular & delecious recipie that is originated from the temple's madapalli. Kanchipuram 4 km Chennai International Airport 65 km Kanchipuram1 km 1-Onsite 2 & 3 – Town Bus Stand 4- Near to Sankaramutt

#### KANDASSANKADAVU Br. Code 0030

22-12-1965

1 Residential and Buisness Area. Near Kanoli Canal. Every year boat race is conducted during Onam. Thrissur Railway Station 17 km Nedumbassery, 50 km Kanjany, 2 km Attached to bank premises



# Siblink



Jeffie John Parackal, S/o John Thomas, Senior Gen. Manager - BDD & Dr. Ansu.



**Dijin James**, Asst. Manager, HO Personnel Dept. & **Aida Jos** 



Krishnam Raju & Nihaika, Manager Br. Banjarahills



Karthik Reddy & Sai Sri Latha, Manager, Br Tirupathi Roniya Babu, Prob Clerk, Kozhikode Main & Tomstoy







Ashitha P., Asst. Manager, R.O Pune & Sudheesh P.



Shyam Shishir, Asst. Manager RTGS Cell, TBD Ernakulam & Athira Lal



**Dr. Kalyani Prem,** D/o S. Premkumar, Chief Manager, R.O. Trivandrum & **Ajithkumar V** 



Stella Rani & Praneeth Navel Roche, Clerk, Br. Alwal

Jithin James & Anna Tony, D/o Alice Pappu, Senior Manager, Personnel Department.





Sarath Prakash (Asst. Manager, Chelakkara Br. & Arya Parvathy



James Mathew Branch. Murickassery & Anumol Joseph



Jishnu P, Asst Manager, Mallassery Br. & Anjali S., Asst. Manager, Athikayam Br.



Sabeena M., Clerk, Kozhikode Main & Sayooj T. Greeshma Babu, Clerk, Br. Irinjalakkuda & Sooraj Varghese



# CLICKZ !!!

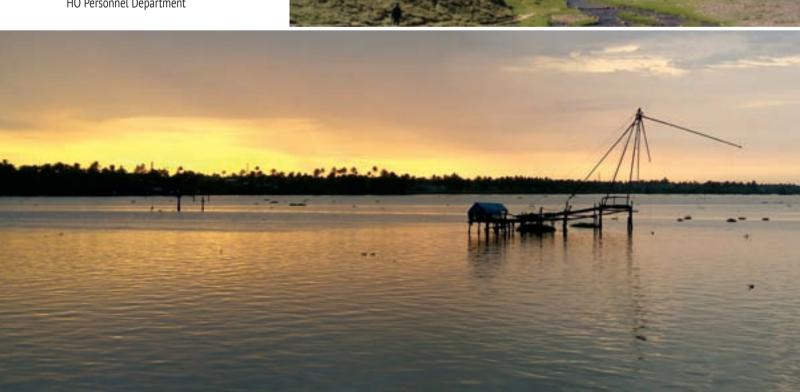
10.0

Illikkal Kallu, Kottayam Anandu S, Br. Guruvayur



Chandratal Lake (Himachal Pradesh) Anoop Periwa, Asst Manager Park Street Br., Kolkata

Chathiath Walkway, Ernakulam Dijin James, Asst Manager HO Personnel Department





# LOCK YOUR ACCOUNT BE SAFE DIGITAL C-LOCK

Lock or unlock your account from anywhere, at the touch of a finger. Protect all your digital transactions.

Toll Free (India): 1800-843-1800, 1800-425-1809 (BSNL), Email: sibcorporate@sib.co.in, CIN : L65191KL1929PLC001017

www.southindianbank.com | | | /thesouthindianbank



Download from

