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“One best book is equal to hundred good friends but one good friend is equal to a library” – Dr. A.P.J. Abdul Kalam
Visit of Hon'ble Ms. Harsimrat Kaur Badal, Minister of Food Processing Industries,

H.E. Ms. Harsimrat Kaur Badal, Hon'ble Minister of Food Processing Industries visited Tokyo from 1-3 March for sensitizing the Japanese business & industry about the opportunities available in the Indian food processing sector for foreign investment. During the visit, a seminar on "Food Processing Industry in India: Collaborative Opportunities" was organized on 2 March at the Embassy and a number of bilateral meetings were held with the leading Japanese companies. Hon'ble Minister held a bilateral meeting on 2 March with H.E. Mr. Ken Saito, State Minister, Ministry of Agriculture, Forestry and Fisheries (MAFF) and the two Ministers discussed the opportunities for cooperation and collaboration between the two countries in the food processing sector.

Address to GRULAC Ambassadors in Tokyo

Ambassador H.E. Sujan R. Chinoy addressed GRULAC Ambassadors in Tokyo on "India's Regional Policy & Relations with Japan" on 6 March.

India-Japan Defense Policy Dialogue

Ambassador H.E. Sujan R. Chinoy attended the India-Japan Defense Policy Dialogue led by Defense Secretary Shri G. Mohan Kumar from the Indian side and Vice- minister of Defense for International affairs Mr. Ro Manabe from Japan’s side, in Tokyo on 7 March.

The India-Japan 2+2 Dialogue

The India-Japan 2+2 Dialogue led by Foreign Secretary Shri S. Jaishankar and Defense Secretary Shri G. Mohan Kumar from the Indian side and Deputy Minister of Foreign Affairs Mr. Takeo Akiba and Vice Minister of Defense for International affairs Mr. Ro Manabe from Japanese side was held in Tokyo on 8 March.

India-Japan Foreign Office Consultations (FOC)

The India-Japan Foreign Office Consultations (FOC) led by Foreign Secretary Shri S. Jaishankar and Vice Foreign Affairs Mr. Sugiyama was held in Tokyo on 9 March.

Visit of Secretary (Economic Relations)

Mr. Amar Sinha, Secretary (Economic Relations) visited Japan to discuss bilateral cooperation in Africa especially on connectivity. During his visit, Secretary (ER) met Special Advisor to PM Abe, Mr. Hiroto Izumi and held interactions with Deputy Foreign Minister Mr. Keiichi Katakami, and METI Vice Minister for International affairs Mr. Hirofumi Katase on 27 March.

Inauguration of India Pavilion at FOODEX Japan 2017

Ambassador H.E. Sujan R. Chinoy inaugurated the India Pavilion, organized by the India Trade Promotion Organization (ITPO), at the Opening Ceremony of FOODEX Japan 2017 on 7 March. The India Pavilion was organized by the India Trade Promotion Organization (ITPO) with 33 Indian exhibitors, including group participation by The Agricultural and Processed Food Products Export Development Authority (APEDA), Tea Board, Spices Board and Cashew Export Promotion Council. Ambassador of India also participated at the inaugural ceremony of FOODEX Japan 2017, which was attended by senior officials from the Ministry of Agriculture, Forestry and Fisheries, Government of Japan, Japan Management Association, JETRO, Japan Hotel Association etc., and Ambassadors and representatives from many countries.

Visit to annual Memorial Service for Victims of the Great East Japan Earthquake and Tsunami in Onagawa

On 11 March, Mr Amit Kumar, Deputy Chief of Mission visited the town of Onagawa to attend the annual Memorial Service for Victims of the Great East Japan Earthquake and Tsunami. Onagawa-cho was one of the worst-affected communities by the disaster which occurred on 11th March 2011. In the immediate aftermath, a 46-member Indian National Disaster Response Force (NDRF) team conducted relief and rehabilitation operations there. This year marked the 6th year since the disaster. Prior to
the memorial service, Mr. Kumar met Mr Yoshiaki Suda, Mayor of Onagawa-cho to offer his condolences and express India's continued support for the town's efforts towards recovery. They also discussed the need for chronicling the current recovery efforts and making such valuable information accessible so that it can be utilised for the benefit of other disaster hit regions. During the ceremony, Mr Amit Kumar offered his respects to the deceased on behalf of the Embassy of India and interacted with local figures including Mr Nobutaka Azumi, the former mayor of Onagawa-cho who was in office at the time of the NDRF's mission. Since the disaster, Onagawa-cho has experienced great challenges, but has shown remarkable progress, especially in terms of rebuilding infrastructure including fisheries facilities and commercial area. After the memorial service, Mr Amit Kumar visited the town centre, Onagawa hospital and a number of memorials for the victims. During this time, he also interacted with a member of the public who had lost his son for the disaster and gave harrowing account of the town’s ordeal. In spite of the almost complete devastation it suffered, Onagawa is now often seen as a model for post-3.11 recovery efforts and is once again becoming a destination for tourists.

Visit to Kumamoto at the invitation of Foreign Minister

Ambassador H.E. Sujan R. Chinoy visited Kumamoto on 12 March as part of a group of a selected few Ambassadors, at the invitation of H.E. Fumio Kishida, Foreign Minister of Japan, to review the reconstruction work in Kumamoto and to promote its local economy. Ambassador travelled to the badly affected Mashiki township by the Minami Aso train for interaction with the affected community, besides visiting the prefectural capital and the historic Kumamoto Castle which suffered damage in the quake. Following the earthquake in Kumamoto in 2016, Indians in the Kansai region had donated Yen 6.8 million for its recovery and rehabilitation through a collection drive organized by the neighboring Hyogo prefecture.

Meetings with Dignitaries

Ambassador H.E. Sujan R. Chinoy had meetings with the following dignitaries: Gen Yoshiyuki Sugiyama, Chief of Japan Air Self Defence Force on 14 March; H.E Mr. Nobuteru Ishihara, Minister of Economic Revitalization and H.E. Mr. Ueno Kenichiro, LDP, Member of Parliament on 15 March; H.E. Mr. Kono Taro, Member of Parliament and his spouse Mrs. Kaori Taro who returned from their visit to India under Govt. of India’s Distinguished Visitors Programme on 22 March; H.E. Hiroshi Imazu, Member of Parliament and Chairman, Research Commission on Security of Liberal Democratic Party on 28 March and Mr. Shigeru Kiyama, Special Advisor to the Cabinet on 31 March.

Visit to National Institute for Defense Studies (NIDS)

Ambassador H.E Mr Sujan R. Chinoy delivered a talk on the topic “Security Challenges in the Indo-Pacific Region: India’s Role & Bilateral Ties with Japan " at the National Institute for Defense Studies (NIDS), on 24 March. The talk was attended by the students of the 64th regular course of NIDS.

Visit of AVM TD Joseph, VM VSM

AVM TD Joseph called on Ambassador H.E Sujan R Chinoy on 27 March. AVM TD Joseph, VM VSM represented India at the 21st Tokyo Defense Forum (TDF) held in Tokyo from 28-29 March.

Interaction with Japanese schools

Ambassador H.E. Sujan R. Chinoy on two occasions addressed a group of students: 70 students of Shohei Junior high school from Saitama Prefecture on March 10 and students of Katayama Gakuen High School from Toyama Prefecture on March 6 on different aspects of India and had an interactive Q&A session with them. The visits included yoga demonstration by VCC yoga teacher Dr. Hemant Sharma.

- Visit to Takamatsu Elementary School in Toshima Ward

On 7 March, Mr. Kanishk Sharma, Third Secretary led a team from the Embassy of India which conducted an outreach programme on Indian culture to Takamatsu Elementary School in Toshima Ward. Takamatsu Elementary School is learning about India under the Tokyo Metropolitan Board of Education's "World Friends Project" (Sekai Tomodachi Project) initiative in which students learn about
the culture of selected countries taking part in the 2020 Tokyo Olympics. The entire school, comprising approximately 700 students, welcomed the team with performances of songs depicting the four seasons. Mr Kanishk Sharma gave an interactive lecture introducing the culture and geography of India. The students showed a keen interest in the lecture and asked many questions. In the second part of the programme, Dr Hemant Sharma, VCC yoga teacher gave a demonstration and lecture on yoga, and students enthusiastically practiced yogic asanas and breathing exercises. The programme was concluded with a charming tea ceremony and vote of thanks by the students.

- Visit of Special Education School for the Visually Impaired, Tsukuba University

A familiarization visit was conducted for 17 students and 10 faculty/staff of Special Education School for the Visually Impaired, Tsukuba University at the Embassy of India on 17 March. They were given a presentation on various facets of Indian culture and an opportunity to touch Indian artifacts. VCC yoga teacher led them through breathing, meditation and basic yoga asanas and VCC tabla teacher gave them a tabla lesson.

Japan-India Symposium on Materials Science-2017 (JISMIS 2017)

Dr. Purnima Rupal Counsellor (S&T), participated in the Japan-India Symposium on Materials Science-2017 (JISMIS 2017) organized by the Japan Advanced Institute of Science and Technology (JAIST) in Ishikawa Prefecture on 6-7 March. JAIST President, Dr. Tetsuo Asano inaugurated the Symposium. Senior faculty from Department of Chemistry, University of Delhi and Indian Institute of Technology, Gandhinagar and JAIST participated at the 2-day symposium. Dr. Rupal gave a presentation on "Transforming India through Science, Technology and Innovation" to the participants. Students presented their research work at the poster session arranged during the symposium. She visited the facilities of JAIST and the some companies located at the Ishikawa Science Park. Dr. Rupal interacted with the faculty of JAIST and also with Indian students (35) pursuing Masters and Ph.D courses at JAIST during her visit.

JENESYS workshop presentation of ASEAN member countries

Ms Muanpuii Saiawi, First Secretary attended and gave remarks at JENESYS workshop presentation of ASEAN member countries, including 23 Indian students and professionals visiting Japan on 6 March 2017.

International Women's Day

Embassy of India, Tokyo celebrated International Women’s Day on 8 March. Ms. Muanpuii Saiawi, Director of VCC gave a presentation on notable achievements of Indian women from the fields of politics, business, science, sports and entertainment. This was followed by a documentary film made by Public Diplomacy of the Ministry of External Affairs “The Indian Women-An indomitable spirit by Rakhi Thakur.” Dr. Hemant Sharma, Yoga teacher VCC led the participants in a yoga session suited for working women: breathing, desktop yoga and laughing yoga.

Interview by Japan News

Ambassador H.E. Sujan R. Chinoy gave an interview to Mr. Michio Hayashi & Ms Ayako Hirayama of Japan News on wide-ranging aspects of India-Japan relations on 15 March.

Meetings with Business Leaders

Ambassador met Mr. Shiozaki, the new President of Mitsubishi Corporation India on 21 March and Mr. Ryoji Sekido, Representative Director and Vice President of Accenture Japan Meeting.

Joint Venture between Mukand Ltd and Sumitomo

Ambassador H.E. Sujan R. Chinoy was present alongside the CMD of Mukand Ltd and the President & CEO of Sumitomo who signed an agreement to form a Joint Venture Company called Mukand Alloy Steel Private Limited - MASPL (Mukand 51% and Sumitomo 49% respectively) with an enterprise value of Rs. 2820 crores at Kyoto on 30 March.
Seminar on 'Indian Taxation'

A Seminar on 'Indian Taxation' was held at the Embassy of India, Tokyo on 15 March. The Seminar was organized by the International Taxation Research Institute, SCS Global and Corporate Catalyst India Private Limited in association with the Embassy of India, Tokyo. The Seminar covered primarily the relevant taxation and regulatory aspects for foreign investors for doing Business in India, the tax proposals in the Budget of FY 2017-18, the upcoming Goods and Services Tax (GST) etc. Mr. Sanjog Kapoor, First Secretary, Embassy of India and Mr. Toru Goto, Director of Taxation Research Institute delivered the Opening Remarks at the Seminar, followed by presentations by Mr. Tatsundo Maki, Partner, SCS Global and Director, Corporate Catalyst India Private Limited and Mr. Shun Ishikura, Senior Manager, Corporate Catalyst India Private Limited. The Seminar was well attended by representatives from Japanese business and industry.

Indian Tea Seminar

Mr. Kripal Singh Bisht, First Secretary(Eco) made opening remarks at the Indian Tea Seminar held at the Embassy of India Tokyo on March 15. Nearly 50 delegates attended the event, sponsored by The Japan Tea Association. Various varieties of Indian tea, tea-tasting and tea-making were demonstrated at the event followed by a brief film on the Indian tea industry.

Painting Exhibition by Ashok Bhowmick and lectures on Tagore as a Painter

The Embassy of India hosted an exhibition by Shri Ashok Bhowmick, an Indian artist known for paintings created using a distinctive cross-hatching style. The collection of works titled "Tribute to Tagore" was exhibited in the VCC Gallery between 29th and 31st March. In conjunction with the exhibition, a special lecture session on "Tagore as a Painter" was held in the VCC. Ms Muanpuii Saiawi, Director (VCC) gave the opening remarks. Ms Reiko Ooki, curator at the Sakura City Museum/Kampo Arai Memorial gave a talk on Rabindranath Tagore's friendship with Kampo Arai and many other key figures in the Japanese arts community which paved the way for significant artistic cross-pollination and mutual exchanges between Bengal and Japan which continues to this day. This was followed by Ms Tamiko Ohba, representative of the Japan India Women's Forum reciting the poems "A Hundred Years Hence" and "Fruit Gathering" by Tagore. Mr Ashok Bhowmick concluded the lecture session with his talk on Tagore's paintings which explored this relatively unknown aspect of his creative work which was undertaken with a level of dedication that was at least equal to his work as a poet. The exhibition and lecture session both saw enthusiastic participation by members of the arts community and admirers of the works of Tagore.

"Incredible India" Buses

Three buses with the advertisement of "Incredible India" were running in Tokyo, starting from 25th February 2017 until 1st week of April 2017 under the Year of India-Japan Friendly Exchanges. The routes were as follows

Route Bus No.1: Shibuya station – Shimbashi station
Route Bus No.5: Tokyo station – Tokyo Big Sight
Route Bus No.6: Shibuya station – Akasaka Ark Hills

“There is nothing more dreadful than the habit of doubt. Doubt separates people. It is a poison that disintegrates friendships and breaks up pleasant relations. It is a thorn that irritates and hurts; it is a sword that kills.” — Gautama Buddha
The Barefoot Solar Mamas of the world

The Barefoot College was recognized as a training institute under the Indian Technical Economic Cooperation (ITEC) in 2008. Since then, two batches of 40 women, from remote non-electrified villages, each have come to the Barefoot College from the Least Developed Countries (LDCs) every six months. They had to be illiterate or semi-literate and between 35-50 years. As they came from different countries and spoke different languages and dialects, they became solar engineers using pictures, signs, visuals and gestures and “learning by doing”.

In six months, the Solar Mamas learnt how to fabricate sophisticated charge controllers, invertors, LED solar lanterns, establish a Rural Electronic Workshop (REWs) and install fixed solar systems in individual houses. With the REW in every solar electrified village, the Solar Mamas carried out all repairs and maintenance. The community paid the same every month for solar lights what they paid for kerosene, candles, torch batteries, charging mobiles, wood and diesel. These are the first technically and financially self-sufficient solar electrified villages in the world.

In 2016, through 16 ITEC courses, over 800 Solar Mamas have been trained from 78 countries. They have solar electrified 50,000 houses covering in over 500 villages. In the six month period, nearly 200 hours are allotted to expose them on vital women health issues, importance of savings and how to open a bank account, start micro enterprises and be rural entrepreneurs, livelihood skills, digital literacy using Ipads to communicate with each other through a ENRICHE programme tailormade for illiterate rural women.

The global impact and success of the barefoot Gandhian model resulted in the Ministry of External Affairs (MEA) approving the establishment of Barefoot Vocational Training Centres (BVTCs) in Senegal, Burkina Faso, Liberia, Madagascar and Zanzibar at a cost of ₹ 2.48 crore each. The Government of Zanzibar approved $250,000 to establish a Barefoot Training Centre for women solar engineers. It was operational in August 2015 inaugurated by the President of Zanzibar.

A Regional Barefoot Training Centre to train 48 Solar Mamas and solar electrifying their villages covering eight countries in Central and Latin America was announced by the Minister of State Gen VK Singh during his visit to Guatemala.

At the conclusion of the Forum for Indian Pacific Island Countries (FIPIC) in August 2015, PM Modi announced in the presence of head of 14 Pacific Island countries in Jaipur that 70 Solar Mamas will be trained and will solar electrify 2,800 houses across 14 Pacific Island Countries.

During India-Africa Forum Summit in October 2015, first ladies from South Africa, Namibia, Ghana and Mali met the Solar Mamas from Africa. At the conclusion, the Ministry announced the sanction of ₹ 25 crore to solar electrify 7,500 houses spread over 15 African countries.

The Barefoot College has signed MoUs with major UN organization to spread the barefoot model through the Solar Mamas — UNWOMEN, UNESCO, GEF Small Grants Programme UNDP. The enormous endorsement of the Government of India to the Solar Mamas has yielded international support from philanthropy foundations including Skoll Foundation (USA): Oak Foundation, Enel Green Power (Italy): Erol Foundation (USA): Bank of America, Coca Cola, Apple India and Cartier (France).

The Government of India, through ITEC, trains the Solar Mamas: Funds to solar electrify their villages comes from UN and the private foundations. Where this has not been possible Government of India has stepped in to fill the vacuum. The process is under way to sign an MoU between Barefoot College International (BCI) and the International Solar Alliance initiated by PM Modi and the President of France to increase the number of non-electrified villages to be solar electrified by the Solar Mamas. They are present in 70 of the 120 countries who are members of the Solar Alliance.

A film commissioned by the Ministry of External Affairs called No Problem on Solar Mamas has won several national and international awards. A film titled Rafea Solar Mama on the first Arab woman
from Jordan to be trained as a solar engineer has been seen by over 400 million people through all the major channels and networks from Australia to the US.

By Bunker Roy, India Perspectives

Courtesy: XPD Division, MEA

“A people and their religion must be judged by social standards based on social ethics. No other standard would have any meaning if religion is held to be necessary good for the well-being of the people.” - B. R. Ambedkar

Science & Technology Development in India

Introduction

India ranks third among the most attractive investment destinations for technology transactions in the world. Modern India has had a strong focus on science and technology, realizing that it is a key element of economic growth. India is among the topmost countries in the world in the field of scientific research, positioned as one of the top five nations in the field of space exploration. The country has regularly undertaken space missions, including missions to the moon and the famed Polar Satellite Launch Vehicle (PSLV). India has taken a lead role in launching satellites for other nations, generating revenue by offering its space facilities for use to other countries.

Market size

India is among the world’s top 10 nations in the number of scientific publications. Position-wise, it is ranked 17th in the number of citations received and 34th in the number of citations per paper across the field of science and technology (among nations publishing 50,000 or more papers). The country is ranked ninth globally in the number of scientific publications and 12th in the number of patents filed.

India’s analytics industry is expected to touch US$ 16 billion by 2025 from the current US$ 2 billion, as per the National Association of Software and Services Companies (NASSCOM).

With support from the government, considerable investment and development has incurred in different sectors such as agriculture, healthcare, space research, and nuclear power through scientific research. For instance, India is gradually becoming self-reliant in nuclear technology. Recently, the Kudankulam Nuclear Power Project Unit-1 (KKNPP 1) with 1,000 MW capacity was commissioned, while the Kudankulam Nuclear Power Project Unit-2 (KKNPP-2) with 1,000 MW capacity is under commissioning.

Recent developments

Some of the recent developments in the field of science and technology in India are as follows

- ISRO successfully launched the 714 kg Cartosat-2 Series Satellite along with 103 co-passenger satellites on board ISRO’s Polar Satellite Launch Vehicle, PSLV-C37, from Satish Dhawan Space
Centre, Sriharikota. It is the highest number of satellites launched in one single mission anywhere. This is the thirty eighth consecutive successful mission of PSLV.

- The Ministry of Environment, Forest and Climate Change (MoEFCC) has announced a research and development (R&D) initiative to develop next generation sustainable refrigerant technologies as alternatives to the currently used refrigerant gases like hydrofluorocarbons (HFCs), in order to mitigate its impact on the ozone layer and climate.

- The Indian Space Research Organisation’s (ISRO) geosynchronous satellite launch vehicle-F05 (GSLV) successfully launched India’s weather satellite INSAT-3DR into space, which will provide meteorological services and assist search and rescue operations of security agencies including all defence forces, the coast guard, and in shipping industry.

- Indian Institute of Technology, Kharagpur (IIT-Kharagpur) and National Highways Authority of India (NHAI) have signed a memorandum of understanding (MoU) for research project to develop technology to construct maintenance free highways in India.

- Intertek Group, a UK-based total quality assurance provider, has launched an Agricultural Technology (Agritech) laboratory in Hyderabad, which will perform high-tech Deoxyribonucleic Acid (DNA) analyses for the agri-biotech, plant seeds breeding, and plant seeds production industries.

- The Indian Institute of Science (IISc) has discovered a breed of natural cures for cancer in Quercetin, a compound found in fruits and leaves, and plant VernoniaCondensata, which can significantly reduce the tumour size and increase the longevity of life.

- The Indian Space Research Organisation (ISRO) has completed its mission of developing India’s independent navigation system by launching Indian Regional Navigation Satellite System (IRNSS - 1G), the seventh and final navigation satellite, which will reduce the country’s dependency on US Global Positioning System.

- The Indian Space Research Organisation (ISRO) has signed a memorandum of understanding (MoU) with the Airports Authority of India (AAI), aimed at providing space technology for construction of airports, which will help make flight operations safer and provide optimum utilisation of land.

- Indian and American delegations have discussed an arrangement for Space Situational Awareness (SSA), a programme for monitoring space environment and track potential hazards and security threats, and have set up a bilateral mechanism for sharing information for tracking movements of satellites, avoiding collisions and identifying potential threats to space and ground assets.

- The Department of Space/ Indian Space Research Organisation (DOS/ISRO) and Kuwait Institute of Scientific Research (KISR) have signed a Memorandum of Understanding (MoU) on cooperation in the field of exploration and use of outer space.

- The Indian Institute of Science (IISc), Bangalore has become the first Indian institution to enter the Top 100 universities ranking in engineering and technology.

**Investment Scenario**

- NIDHI (National Initiative for Development and Harnessing Innovations), an umbrella program pioneered by the Department of Science & Technology (DST), has committed Rs 500 crore (US$ 74.56 million) to implement Prime Minister Narendra Modi’s Startup India initiative, by providing technological solutions and nurturing ideas and innovations into successful startups.
InnoNano Research, a clean water technology company, has raised US$ 18 million from NanoHoldings, a US-based energy and water investment firm, which will be used to set up manufacturing facility, modern research laboratory and technology delivery offices across North America, Asia and Africa to make India an exporter of water technologies.

Ecoppia, an Israel-based developer of robotic cleaning technology for solar sites, has signed a deal with Sanmina Corporation, a US-based Original Equipment Manufacturer (OEM), to begin mass production of their E4 robots at a new facility near Chennai.

Saama Technologies Incorporation, the Big Data analytics solutions and services company, headquartered in the Silicon Valley, plans to invest US$ 2 million to create the largest pure play data science and analytics hub in India.

The Government aims to invest 2 per cent of the country’s GDP on research and development (R&D) in its 12th Five-Year Plan period (2013–17). Accordingly, the Government has undertaken various measures for promoting growth of scientific research, such as:

- Sustained increase in plan allocations for scientific departments
- Setting up of new institutions for science education and research
- Launch of new Science, Technology and Innovation Policy 2013
- Creation of centres of excellence for research and facilities in emerging and frontline science and technology areas in academic and national institutes
- Establishment of new and attractive fellowships
- Strengthening infrastructure for R&D in universities
- Encouraging public-private R&D partnerships
- Recognition of R&D units
- Fiscal incentives and support measures for enhancing industry participation in R&D

**Government Initiatives**

Ms Nirmala Sitharaman, Minister of State with Independent Charge for the Ministry of Commerce & Industry, outlined plans of setting up a committee to examine and expeditiously implement measures to improve India's innovation landscape.

Dr Harsh Vardhan, Minister for Science and Technology and Earth Sciences, outlined Government of India's plans to pursue a green path to growth by doubling investment in clean energy research to US$ 145 million in the next five years from current investment of US$ 72 million.

The Department of Health Research (DHR), Ministry of Health and Family Welfare plans to set up a three-tier national network of Viral Research and Diagnostic Laboratories (VRDLs) under which 160 VRDLs will be set up with capability to handle around 30-35 viruses of public health importance.

The central government plans to soon institute a nation-wide consultation process with a view to develop the first publicly accessible Science and Technology policy. The policy ‘Vision S&T 2020’ would articulate the country’s future towards self-reliance and technological independence in the 21st century.

The Union Cabinet gave "in principle" clearance for the location of a Laser Interferometer Gravitational-Wave Observatory (LIGO) facility in India which will be the third in the world and will be set up and managed by the IndIGO Consortium (Indian Initiative in Gravitational-wave Observations).
The Department of Biotechnology, Ministry of Science and Technology of the Government of India has become only the second country outside of Europe to join the European Molecular Biology Organisation (EMBO), which consists of 1,700 eminent scientists and 84 Nobel laureates, and aims to encourage research in the field of life sciences.

The National Highways Authority of India (NHAI) has signed a Memorandum of Understanding (MoU) with the National Remote Sensing Centre (NRSC) under Indian Space Research Organisation (ISRO) and North East Centre for Technology Application and Research (NECTAR) to use spatial technology such as satellite data to monitor and manage national highways.

National Council of Science Museums (NCSM), an autonomous organisation under the Union Ministry of Culture, is engaged in the establishment of Science Centres across the country. NCSM is developing a Science City at Guwahati, Assam, which would be handed over to the Government of Assam for future operations and maintenance. The organisation has received proposals from various state governments for setting up of such Science Cities. NCSM has undertaken the Science Centres/Cities projects in a phased manner depending on the availability of resources, project handling capacity of NCSM, and existing level of science centre activities in a particular state.

**The Road Ahead**

India is aggressively working towards establishing itself as a leader in industrialisation and technological development. Significant developments in the nuclear energy sector are likely as India looks to expand its nuclear capacity. Moreover, nanotechnology is expected to transform the Indian pharmaceutical industry. The agriculture sector is also likely to undergo a major revamp, with the government investing heavily for the technology-driven Green Revolution. The Government of India, through the Science, Technology and Innovation (STI) Policy-2013, among other things, aspires to position India among the world’s top five scientific powers.

Exchange Rate Used: INR 1 = US$ 0.0149 as on September 21, 2016

*References – Media reports, Press Releases, Press Information Bureau (PIB), Union Budget 2016-17

*Source: [www.ibef.org](http://www.ibef.org)*

“One of the greatest diseases is to be nobody to anybody.” —Mother Teresa
Kochi (in Kerala) – a popular tourist destination in India

Fast Facts

Area: 83.52 Sq. Km.

Altitude: Sea Level.

Temperature: Summer: 35 - 22 C.  
Winter: 32 - 20 C.

Rainfall: 254 m. (June to October).

Season: October to March.

STD Code: 0484

Bolgatty Island, Kochi

Cherai Beach, Kochi

Landscape of Palakkad, Kerala

Backwaters in Kerala
Kochi, the commercial hub of Kerala, is one of the most picturesque places in Kerala with an all-weather harbour and a grand seascape and is termed the ’Queen of the Arabian Sea’. The earliest verifiable history of Kochi kingdom is traced to the last Perumal of the second Chera Dynasty, Rama Varma Kulashekara Perumal in the 12th century.

Chinese and Arab traders are believed to have been the first traders to this port, heralding a wave of subsequent visitors, the Portuguese, Dutch and British, who brought in the era of colonial power to the region. Kochi was able to offer in abundance the best of spices to the world, a reputation that continues to this day.

In addition to spices, the voyagers also coveted the fine ivory, sandalwood, perfumes and gold that came to this market town. At one point nothing but a small fishing village, the destiny of Kochi changed in 1341, with the flooding of the Periyar River, which rendered the then popular Kodungallur ineffective.

Among many repercussions of this event was the creation of a natural harbour at Kochi. It was Sir Robert Bristow, an experienced harbour engineer who came to Kochi in 1920 who was responsible for the modernization of Kochi harbour. The city is now the proud owner of one of the most beautiful ports of the country that is the biggest in Kerala and is also one of the premier industrial trading and commercial centres of southern India. Kochi expanded to include many towns and villages surrounding it and the corporation of Kochi was formed in 1967.

**Sights to See**

**Bolgatty Island:** From the High Court Junction it is 2 Km via Goshree Bridge. Ferry services are available from the High Court Jetty. The Bolgatty Palace was built by an anonymous Dutch trader in 1744. It was the British Residency from 1909 to 1947. In 1976 it was converted to a heritage resort by KTDC.

**Vypeen Island:** An isolated island between the sea and the backwaters, this was originally home to a small indigenous fishing community since 1341 until the advent of the Portuguese. Previously only accessible by ferry, the Goshree bridge has made the picturesque island just a short drive from the city. Its attractions include the renowned Church of Our Lady of Good Hope, a lighthouse at Ochanthuruth open to visitors (1500-1700 hrs) & the Cherai Beach. Also situated here is the Pallipuram fort built by Portuguese in 1503. Ferries are available from Fort Kochi & Ernakulam.

**Gundu Island:** It is the smallest of all islands that make up Kochi & is off the coast of Vypeen. It was famous for its coir factory. It is now privately owned.

**Fort Kochi: Santa Cruz Basilica:** Built by the Portuguese in 1506, it was deemed a cathedral by Pope Paul IV in 1558. In 1795, when British took over Fort Kochi the cathedral was demolished. A new building was commissioned at the same site in 1887 by Bishop Ferreira and was proclaimed a Basilica by Pope John Paul II in 1984.

**St. Francis Church,** Church Road, Fort Kochi: Built in 1503, by a group of Portuguese Fransiscan friars, this is India's first European Church. The church was initially a wood and mud structure dedicated to St Bartholomew. The history of the church depicts the European struggle for power in India. Vasco da Gama was buried here in 1524. Although his remains were taken back to Lisbon 14 years later, his tombstone remains intact.

**Dutch Cemetery:** Consecrated in 1724, it is mostly in ruins. It is located on the way to the Fort Kochi Beach.

**Parade Ground:** The ceremonial military parades and drill practice was conducted here.

**Bishops House/Indo-Portuguese Museum:** Built by the Portuguese in 1506 as a residence for their Governor, it is now the residence of the Bishop of Kochi. Entry to the Bishops house is restricted.
Adjacent to it is the Indo-Portuguese Museum which is housed in a modern structure. Although small, it is well laid out and maintained.

**Fort Kochi Beach:** A popular destination is the granite walkway sandwiched between the beach and Vasco da Gama square.

**Chinese Fishing Nets:** Along the beachfront. A legacy of the earliest visitors to the coast, they are said to have been brought by traders from the court of Kubla Khan between 1350 & 145 AD. Employed mainly during high tides, one can see fishermen haul up the nets at 6 am, once again at 11 am and then finally around 4 pm.

**Fort Immanuel:** Very close to the Dutch cemetery. The forts confines housed the entire township where the Portuguese used to reside but much of it was destroyed by the Dutch & British. Only bits and pieces remain along the waterfront. Its remnants can also be seen in the basement of the Indo-Portuguese Museum.

**Princess Street:** The oldest street in Kochi. It is lined with picturesque houses, mostly colonial in architecture. Some of these have been converted to homestays.

**Mattancherry:** Mattancherry is home to a tiny Jewish community, whose origin goes back to 2000 years. It attracted invaders and traders from far off and was the epicenter of trade, especially that of spices. It has the oldest synagogue in the country, temples and churches.

**Pardesi Synagogue:** It was constructed in 1568, but destroyed by cannon fire during a Portuguese raid and was rebuilt 2 years later. Its interiors are captivating. The attractions include 19th century glass oil-burning chandeliers from Belgium, gallery for women suspended by slender gilt coloumns, 18th century hand painted floor tiles from China, elaborately carved ark that bears four scrolls of the Torah, 4th century copper plates with writing decipherable only with the aid of a mirror. Dress code: Sleeveless dress & shorts not allowed.

**Clock Tower:** Built in 1760, it stands next to the synagogue. Its face that faced the Maharaja's Palace is etched in Malayalam, one etched in Roman numerals for the traders, one that faced the synagogue in Hebrew, the fourth one kept blank.

**Dutch Palace:** Built and presented by the Portuguese to the Kochi Maharaja Veera Kerala Varma around the year 1555, as a token of appeasement for plundering a Hindu Temple nearby. Ironically it is commonly known as the Dutch Palace, despite the fact that they only renovated it. The double storeyed structure is built in the traditional Kerala 'Nalukettu' style and has a temple dedicated to the presiding deity of the royal family, Pazhayannur Bhagawati, at the centre. There are intricate murals on the walls and Ramayana is depicted in 45 murals dating from 1600-1700 AD on the walls of the royal bedchamber.

**Thirumala Devaswom Temple, Gosripuram:** Following the fall of the Vijayanagar Empire, Gowda Saraswat Brahmins brought the Sri Venkatachalapati Thirumala Devar idol which was worshipped by them to Kochi. The temple was built in 1599 to house this idol. It was plundered and restored time and again.

**Pepper Exchange:** The only pepper exchange in India, it is also the only online commodity exchange in Kerala. It was established in 1957 & is located near the spice market in Jew Town. Trading: 1000-1700 hrs on weekdays & 1000-1400 hrs on Saturdays. Closed on Sundays.

**Vallarpadam:** The Church of Our Lady of Ransom was established here. Initially built in 1524, it has been given the status of a national pilgrim centre upon the church.

**Willingdon Island, Shiva Temple:** Located on Government Cross Road in South Pallimukku. It is dedicated to Lord Shiva as Ernakulathappan and is associated with the birth of the name of the city.

**Marine Drive:** The scenic strip has a spectacular view of the backwaters and the harbour and is a
favourite hangout. At night the lights from ships anchored in the harbour make it breathtakingly beautiful.

**Our Lady's Convent, Palluruthy, Thoppumpady:** It specializes in high quality needlework, lace & embroidery. One can take a tour of the place with prior appointment.

**MUSEUMS & GALLERIES:**

**Hill Palace Archaeological Museum, Thripunithura:** The hill top palace built in 1865, consists of 49 buildings and sprawls across 52 acres of lush greenery. It is a blend of Dutch and traditional architectural styles. There are 18 main galleries displaying the royal throne, pictures of former rulers, tanjore paintings, 14th century wood carvings, inscriptions, megalithic remains, crowns, ornaments, mural paintings, sculptures, porcelain, epigraphy, musical instruments etc. Medicinal plants are grown in the museum's herbal garden.

**Cherai Beach:** Bordering Vypeen Island, it is about 26 Km from Ernakulam city via Goshree Bridge and is a great place for dolphin spotting and swimming.

**SNC Maritime Museum:** In the Southern Naval Command, Naval Base. Set up in 1989 to display the various maritime activities of the Indian Naval forces. Star attraction is a 300 years old boat belonging to the Raja of Ambalapuzha. Permission required from naval base for visits.

**Kerala Lalitha Kala Academy:** The Maharaja of Cochin once held his durbar here. Once known as the Parikshith Thampuran Museum, it has now been converted into the Gallery of Contemporary Art at the Durbar Hall Art Centre.

**Cochin Port Cruise Passenger Facilitation Centre**

Cochin Port is the premier cruise port among the Indian Ports and has witnessed an encouraging growth in the arrival of luxury cruise liners to its shore. The slew of cruise tourism friendly business initiatives of Cochin Port has led to Cochin emerging as the most preferred cruise destination in India. Cochin figures prominently in the cruise itinerary of all the major cruise lines like Carnival Cruise Lines, Royal Caribbean International and their sister affiliates.

As a leading cruise destination of India, every year Cochin hosts, on an average, 35-45 cruise call and depending on the ship size, between 500 to 3000 international guests per call.

The fully air-conditioned passenger facilitation centre covers an area of 1500 sq. m and is equipped with

- Dedicated Customs and Immigration counters
- X-ray scanning machines for baggage and metal detectors
- Restrooms, prayer room, feeding room
- Provision for setting up Duty free shop/cafeteria/ souvenir shops
- Public Address system
- Lighting with luminosity of 300 lux
- 108 tons Air-conditioning system
- Smoke detectors
- Power supply with generator back-up
- Luggage trolleys

True to its concerns for the cruise tourists, the terminal has been built keeping in mind the needs of physically challenged and elderly guests. The facility also has an appurtenant area of 1 acre of parking space for luxury coaches, tourist taxis and autorickshaws. This facility is also available for use as a Exhibition Hall/Convention Hall during the off-season.
Extravaganza Cochin

While at Cochin, the tour operators offer several options to suit the discerning tastes of each of the world traveler. Some of them are:

HIGHLIGHTS OF COCHIN – a half day visit to Fort Cochin & Mattancherry – the heritage zone of Cochin

CITY HIGHLIGHTS & HARBOUR CRUISE/ CITY TOUR BY COACH/ CITY TOUR BY BOAT – visit to the heritage zone, downtown Cochin and cruise in the harbour, Cochin St Francis Church, Dutch Palace, Walking tour, Chinese Fishing Net, Fish Market, Santa Cruz Basilica

KERALA CULTURE-KUMBALANGI VILLAGE TOUR WITH LUNCH - This tour takes the tourists to Kumbalangi village – a traditional Kerala village.

HERITAGE TRAIL – WALKING TOUR COCHIN WITH AN EXPERT - This tour takes the tourists to Fort Cochin passing by various Colonial Homes, St. Francis Church, Chinese Fishing Nets, and finally the Padua House and after refreshment at Hotel Bristo, returns to the pier.

CULTURAL EXTRAVAGANZA – provides tourists with an insight into Kalaripayatu & Kathakali – the traditional art form of Kerala.

COOKING WITH NIMMY PAUL/ The Kerala Gourmet Experience – Guests will travel by coach visiting a local Market and then proceeding to the residence of Mrs. Nimmy Paul, a renowned culinary expert, for a Cooking Demo with Kerala Spices followed by Lunch.

SUNSET HARBOUR CRUISE and KATHAKALI AT TAJ MALABAR – lets tourist experience the beauty culture and traditions of cochin during the harbour cruise and kathakali performance and dinner at Taj Malabar.

TOUR TO VAIKOM -. A full day visit to the village of Vaikom, a traditional Kerala Village and lunch at Zuri resort & Spa.

OVER LAND TOUR/Fly-Cruise-Fly – for tourists who wish to explore the hinterland of Cochin and nearby tourists destination in neighbouring states. The tourists are provided swift immigration clearance and leave for airport for their trip to the hinterland destination, which also includes a flight to Delhi and Agra.

ALAPPUZHA BACKWATER CRUISE/ Backwater Cruise by Kettuvallom – tourists are taken by luxury coaches to Alleppy, a 45 minutes ride and thereafter savour a trip to the Venice of the East by houseboats.

COCHIN BY TUK TUK – takes the tourists to the heritage sites of Cochin in Tuk-Tuk (autorickshaws) – very popular amongst tourist.

Excursions

Kalady: The birthplace of Adi Shankaracharya. There are 3 shrines run by the Sringeri Mutt. Timing: 0700-1800 hrs. The nearest railway stations are Anagamaly (10 Km) & Aluva (23 Km).

Waterfalls (80 Kms): The water of the Chalakudy river rushes past rocks to plunge down an 80 feet incline. An added attraction is the Silver Storm water park.

Bhootathankettu (50 Kms): A scenic dam site situated in a vast virgin forest. Close by is the Salim Ali Bird Sanctuary at Thattekad. It is said that ‘Bhootams’ (spirits) built it overnight and hence the name.

Chennamangalam (42 Kms): It is on Edapally-Paravur-Kodungallur route. A church, a temple, a mosque and the remains of a Jewish Synagogue can be seen close by here. The synagogue is the
biggest in Kerala. Chennamagalam was once the abode of the Paliath Achans, the prime ministers of the Kochi rulers. Their palace houses historic documents and relics. Also here are the remains of the Vypeenkara seminary built by Portuguese in 16th century.

**Kumbalangi (25 Kms):** The first eco-friendly tourist village in India. There are no man-made tourist structures and plastic is banned here. Many houses here are homestays. Kalagramam, an artist’s village is the main attraction.

**Chottanikkara Temple (16 kms from Ernakulam):** This early 10th century temple enshrines Goddess Bhagavathi in 3 forms-as Saraswati in the morning, Bhadrakaali at noon and Durga in the evening.

**Aluva (Alwaye) (21 Kms):** Alwaye, on the banks of the river Periyar, is a famous Shaivaite pilgrim centre and a summer resort.

**Vaikom (31 Kms):** Vaikom is famous for its temple dedicated to Lord Shiva.

**Cranganore or Kodungallur (32 Kms):** Cranganore (Muziris) was in the olden times, the premier sea port on India’s west coast. It was Kerala’s first international harbour and it was here that St. Thomas is believed to have landed in 52 AD.

**Kalady (45 Kms):** Kalady is the birth place of Adi Shankaracharya, the great Indian philosopher of the 8th century AD. There are two shrines here, one dedicated to him as Dakshinamurthy and the other to the Goddess Sharda, both maintained by the Sringeri Mutt. There is also an ancient Shri Krishna temple and a recently constructed International Temple dedicated to Ramakrishna Deva.

**Malayattur (53 Kms):** It is famous for the Catholic Church situated on the 609 metre high Malayattur hill dedicated to St. Thomas.

**Ettumanoor (63 Kms):** Famous for an ancient Shiva temple.

**Dr. Salim Ali Bird Sanctuary, Thattekad (13 Km):** It is located northeast of Kothamangalam along Pooyamkutty Road, Nearest railway station is Aluva 48 Kms. Its area is 25 Sq Km. It was once a rubber plantation. To protect the abundant wildlife & resident & migratory birds, it was declared a sanctuary in 1983, with the help of Dr Salim Ali, the late renowned ornithologist. The birdlife includes over 320 species. The Bombay Natural History Society identified over 250 bird species here and the Madras Naturalists Society has documented over 50 species of butterflies. There is an interpretation centre, a bird watching chamber with equipment, a library, a souvenir shop, an open enclosure for Sambar and Spotted Deer and an animal rehabilitation centre. The altitude ranges from 35m to 523m. The highest point is Nyappily peak.

**Alappuzha or Alleppey (64 Km):** The centre for back water cruises in Kerala, it has a large network of canals passing through the town. Nehru Trophy boat race, is held here on the second Saturday of August every year.

**Ambalapuzha (76 Km):** Famous for the temple of Lord Krishna.

**Kottayam (76 Kms):** Kottayam is a busy commercial city with the backwaters to its west and rubber, tea, coffee, pepper and cardamom plantations on its east.

**Thrissur (80 Km):** Former capital of Cochin state, Thrissur is famous for the Vadakkumnatha Temple which is the venue for the annual Pooram Festival held in April/May.

**Kumarakom (86 Km):** A lovely village surrounded by paddy fields and the Vembanad lake. Tourists can enjoy a backwater trip here.

**Haripad (94 Km):** Famous for the Lord Subramanya Temple and the major snake boat race held at Payipad (3 Km. from Haripad) during Onam in August/September.
Peechi (96 Km.): A lovely modern irrigation project site and an ideal holiday spot with facilities for boating and swimming.

Cheruthuruthi (100 Km.): Kerala Kalamandam, the training centre for Kerala’s art forms such as Kathakali, Mohiniattam, etc., was established here in 1930.

Mannarsala (100 Km.): It is famous for the snake (Nagaraja) Temple situated in the forests. Festivals are held here in August, November and December.

Guruvayur (108 Km.): It is famous for the ancient shrine of Lord Krishna, which attracts a large number of devotees every day. Non Hindus are not allowed inside the temple.

Munnar (130 Km.): It is the highest town in the state at an altitude of 1524 metres with a cool bracing climate and extensive tea and cardamom plantations.

Idukki (138 Km.): The Idukki hydro-electric project is the biggest of its kind in Kerala. The dam is surrounded by wilderness and the Idukki wildlife sanctuary.

Malampuzha (154 Km.): With its lake created by a high dam and terrace gardens, Malampuzha provides a tranquil holiday. Boating facilities are also available. Near the Dam is Fantasy Park—an Amusement park with various thrilling rides.

Vandanmedu (157 Km.): Situated at a height of 4000 ft., it is the largest producer of cardamom in the country.

Palakkad (163 Km.): A big agricultural town it is a gateway to the Malampuzha dam and its garden. Haider Ali built a fort here in 1766.

Kottakkal (168 Km.): Famous for the Kottakkal Arya Vaidya Sala, a pioneering centre for Ayurveda, Kerala’s traditional system of health and medicine.

Getting There

By Air

Kochi is connected by Air India and private airlines with major cities.

By Rail

Kochi is connected by rail with all major cities in India.

By Road

Kochi is connected by road with:

- Alappuzha 64 Km.
- Bangalore 565 Km.
- Chennai 694 Km.
- Coimbatore 223 Km.
- Kodaikanal 305 Km.
- Kollam 150 Km.
- Kottayam 76 Km.
- Kozhikode 224 Km.
- Madurai 324 Km.
- Mangalore 484 Km.
- Munnar 130 Km.
- Mysore 484 Km.
- Ooty 312 Km.
- Thekkady 190 Km.
- Thiruvananthapuram 223 Km.
- Thrissur 80 Km

The Kerala Inland Water Transport Corporation operates regular backwater boat services to Kollam (8 hrs.).

'SPORTS' operates tours from Kochi to the Lakshadweep Islands from Mid-September to Mid-May.

**Courtesy:** [https://www.incredibleindia.org](https://www.incredibleindia.org), [http://www.mapsofindia.com](http://www.mapsofindia.com)

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“The weak can never forgive. Forgiveness is the attribute of the strong” – Mahatama Gandhi
Telangana, the 29th state of India, was formed in June 2014, with Hyderabad as its capital. The state was formed as a result of the split of erstwhile Andhra Pradesh state. The state is land locked by (new) Andhra Pradesh to the south and east, Maharashtra and Karnataka to the west, and Odisha and Chhattisgarh to the north.

Telangana’s gross state domestic product (GSDP) expanded at a compound annual growth rate (CAGR) of 14.49 per cent to US$ 89.1 billion between 2004-05 and 2015-16. At a CAGR of 19.08 per cent, services has been the fastest growing sector among agriculture, industry and services from 2004-05 to 2015-16. During 2015-16, services sector accounted for 61.9 per cent share in the overall GSDP. As of April 2016, the total installed power capacity of Telangana state was 11,568.76 MW.

The capital city of Hyderabad (also the capital for earlier larger Andhra Pradesh state) is a hub for information technology (IT) and pharmaceutical sectors. During 2015-16, export of IT products of Telangana was US$ 10.42 billion. Leading IT companies like Facebook, Google, IBM and Microsoft hold significant presence in Hyderabad.

Hyderabad also accounts for approximately 20 per cent of India’s total pharma exports. The state government plans to set up a pharma city and promote public private partnership to develop the state’s pharma sector.

The central government recently announced formation of an Information Technology Investment Region (ITIR) near Hyderabad. With the establishment of the ITIR, the government plans to generate 1.5 million direct and 5.3 million indirect jobs in the IT sector in the next five years.

According to the Department of Industrial Policy & Promotion (DIPP), cumulative FDI inflows in Telangana from April 2000 to March 2016, totalled US$ 11.57 billion.
Key Sectors:

- Under the Department of Information Technology, Electronics & Communications, the Government of Telangana has introduced Telangana IT Policy, 2016 in April 2016 for uplifting the performance of the sector in the State.

- As per the socio-economic survey 2015-16, at a projected amount of US$ 2.0 billion, the Hyderabad Pharma City is being established which will consist of R&D Lab, university, etc. The park is proposed to be established on 11,000 acres of land at Mucherla and is expected to create employment opportunities for 70,000 people.

- The Telangana government has allocated an amount of US$ 35.44 million for the development of tourism and culture department during 2016-17.

- As of March 2015, a new textile policy was introduced in Telangana. Purpose of this policy is to provide special incentives to the textiles sector. In order to promote the textile sector in the state, the Government of Telangana is working on a new textile policy to attract investments in the sector.

Courtesy://www.ibef.org
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| 1  | Mr. Ashok Abrol  
M/s Hero Motors Ltd.  
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| 2  | Mr. Krishnendu Samanta  
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mxxind@gmail.com | Minerals |
| 4  | Mr. M. Pitchai Murugan  
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spazzoletech@gmail.com | Charcoal |
| 5  | Mr. Vishal Pandit,  
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Tel: +91-79-26934210  
Mobile: +91-8980151100  
vishal.qualitylifesciences@gmail.com | Ceramic Products |
| 6  | Mr. Bipin Kumar Jaiswar  
M/s Ashapura Minechem Ltd. | Steel |
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<td>M/s Sonya Foods Pvt. Ltd.</td>
<td>711, Anil Road, Ahmedabad-380025, Gujarat, India</td>
<td>Tel: +91 79 22200833, 2220834 Fax: +91 79 22202074 Mobile: +91 98250 39351</td>
<td>Peanut Butter</td>
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<td>Mr. Sonu Singh</td>
<td>M/s Rainbow Inc.</td>
<td>E-721, Nakul Path, Opp. Jyoti Nagar Police station, Lalkothi, Jaipur, (Raj.)-302015</td>
<td>Tel: +91-9799895516, +91 8560012806</td>
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<td>Witmans Industries Pvt Ltd.</td>
<td>205 &amp; 206, Kalpataru Plaza, Chincholi Bunder road, Off S. V. Road, Malad (west), Mumbai-400 064</td>
<td>Tel: +91 22 40798623 Fax: +91 22 28819314</td>
<td>Rubber Products</td>
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<td>Mr. Mahesh Mangukiaya</td>
<td>M/s Shivam International</td>
<td>31, Ground Floor, Akshar Diamond Building, Sardar Chowk, Mini bajar, Varachha, Surat-395006</td>
<td>Tel: +91 90998 55358</td>
<td>Dried foods</td>
</tr>
<tr>
<td>11</td>
<td>Mr. Bharat Surani</td>
<td>M/s Aaradhya Textiles</td>
<td>Plot No. 1047, Road No. 6, Sachin GIDC, Surat-394230 Gujarat</td>
<td>Tel: +91 9825082141</td>
<td>Fabrics</td>
</tr>
<tr>
<td>12</td>
<td>Mr. Pratik M/s Ganga Textiles</td>
<td>E-1A,Maruti Industrial, Near Daxeshwer Mahadev Mandir, BRC Road, Pandesara, Surat-394220-Gujarat-INDIA</td>
<td>E-mail:- <a href="mailto:gangatextiles1@gmail.com">gangatextiles1@gmail.com</a> Contact Number: ++91 9825476672</td>
<td>onion, yarn, mango pulp, ground nut cumin seed</td>
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<tr>
<td>14</td>
<td>Mr. Abhishek Ajmera</td>
<td></td>
<td></td>
<td></td>
<td>flours namely wheat flour</td>
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<tr>
<td></td>
<td>Company Name</td>
<td>Contact Details</td>
<td>Products</td>
<td></td>
<td></td>
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<tr>
<td>15</td>
<td>M/s Ajmera International</td>
<td>Ajmera International Ajmera International Contact Number :+91-9770666150, 197 M.G. Road, Gorakund, Indore, M.P. 452002, <a href="http://www.ajmerainternationalpro.com">www.ajmerainternationalpro.com</a></td>
<td>(whole &amp; fine), semolina (coarse &amp; fine), maze flour, gram flour, jaggery, spices, fresh fruits &amp; vegetables</td>
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<tr>
<td>16</td>
<td>Mr. Jaijo Abraham</td>
<td>M/s George Maijo Group Tel: 9845198907, <a href="mailto:jaijoab@gmail.com">jaijoab@gmail.com</a></td>
<td>Power Winch</td>
<td></td>
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</tr>
<tr>
<td>17</td>
<td>Mr. Abhishek Tayal</td>
<td>M/s SOMANY CERAMICS LIMITED F-36, Sector-6, Noida, India. Tel: 91-120-4627900(ext.322), Fax: 91-120-4627960, Mob: 91-9818190080, E-mail: <a href="mailto:cmdoffice@somanytiles.co.in">cmdoffice@somanytiles.co.in</a></td>
<td>Ceramic and Procelain Tiles, Sanitary ware, and bath fittings.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Mr. Mannan</td>
<td>M/s Sam Global Sourcing Islam Nagar, Near Masjid Rabia, Dheemri Road, Muradabad. Tel: 91-9639222135, E-mail: <a href="mailto:mannan@samglobalsourcing.com">mannan@samglobalsourcing.com</a>, <a href="http://www.samglobalsourcing.com">www.samglobalsourcing.com</a></td>
<td>Handicrafts</td>
<td></td>
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<tr>
<td>19</td>
<td>Mr. H. Simson Jeyanand</td>
<td>Madurai, TamilNadu, India. E-mail: <a href="mailto:simsonjeyanand@gmail.com">simsonjeyanand@gmail.com</a></td>
<td>Granite</td>
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<tr>
<td>20</td>
<td>Mr. Bhautik K. Mehta</td>
<td>m/s Manohar International 201/202, Iscon Avenue, Nr Choice restaurant, C.G. Road Navrangpura, Ahmedabad – 380008, India. Mob: +919016779033, E-mail: <a href="mailto:texchem.mipl@gmail.com">texchem.mipl@gmail.com</a>, URL: <a href="http://www.manoharinternational.com">www.manoharinternational.com</a></td>
<td>High pressure decorative laminates</td>
<td></td>
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</tr>
<tr>
<td>21</td>
<td>Mr. Shreya Venkatesh</td>
<td>M/s Arihant Industries 40HSIDC, Industrial Estate, Ambala Cantt. 133001, Haryana, India. Tel: +91(171)2698165 x 114, Fax: +91(171)2699835, E-mail: <a href="mailto:sales@arihantlab.com">sales@arihantlab.com</a>, URL: <a href="http://www.arihantlab.com">www.arihantlab.com</a></td>
<td>Scientific educational laboratory equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Mr. Rohit Halwai</td>
<td>M/s Witmans Industries Pvt Ltd. 91-22-40798623, Fax: 91-22-28819314, E-mail: <a href="mailto:rohit.halwai@witmansgroup.com">rohit.halwai@witmansgroup.com</a>, URL: <a href="http://www.witmansgroup.com">http://www.witmansgroup.com</a></td>
<td>Process oil &amp; lubricants.</td>
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</tbody>
</table>
Ambassador H.E. Sujan R. Chinoy met H.E. Mr. Nobuteru Ishihara, Japan Minister of Economic Revitalization & H.E. Mr. Ueno Kenichiro, Member of Parliament to promote India-Japan ties

Ambassador H.E. Sujan R. Chinoy met H.E. Hiroshi Imazu, MP and Chairman, Research Commission on Security of Liberal Democratic Party

Ambassador H.E. Sujan R. Chinoy met HE Mr. Kono Taro, Member of Parliament & Mrs. Kaori Taro on their return from a visit to India

Ambassador H.E. Sujan R Chinoy with Shri G. Mohan Kumar, Indian Defence Secretary
Ambassador H.E. Sujan R. Chinoy visited National Institute for Defense Studies (NIDS)

Ambassador H.E. Sujan R. Chinoy at the inauguration of FOODEX Japan 2017

Ambassador H.E. Sujan R Chinoy alongside the CMD of Mukand Ltd and the President & CEO of Sumitomo who signed an agreement to form a JV Company called Mukand Alloy Steel Private Limited - MASPL

Ambassador H.E. Sujan R Chinoy with students from Shohei Junior High School, Saitama Prefecture.