



MATRIX

July 2019

A PUBLICATION OF **THE SANMAR GROUP**

No Summer Breaks!

Cover Photograph by

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Sanmar Speciality Chemicals
(A division of Chemplast Sanmar Ltd)

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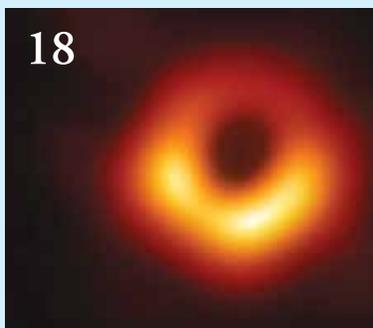
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For Private Circulation Only.

CII's Interactive meeting with Egyptian Ambassador to India

“India and Egypt share a cooperative platform for developing business, trade and investment opportunities”

The Confederation of Indian Industry (CII) Southern Region, and TCI Sanmar Chemicals S.A.E. jointly organised an interactive meeting with Dr Heba Salaheldin Elmarassi, Ambassador of Egypt to India during her visit to Chennai. The event took place on 24 April 2019 at Hotel Taj Coromandel, Chennai.

During her address, Dr Elmarassi said, “India and Egypt share a cooperative platform for developing business, trade and investment opportunities and also the attributes of a bilateral relationship between two countries.” Dr Khaled Melad Rezek,

Commercial Counsellor, Embassy of Egypt in Delhi, was also present. PS Jayaraman, Chairman, TCI Sanmar Chemicals S.A.E., made a brief presentation highlighting the various manufacturing activities undertaken by TCI Sanmar at Port Said. He demonstrated the numerous CSR contributions from the company. Elaborating on the huge business opportunities in Egypt and its surroundings for manufacturing sectors, he cited strategic geographic location and several FTS with neighbouring countries as the twin advantage.



(L to R); Vinay Lakshman, Co-Chairman, International Linkages Sub-Committee, CII SR & Managing Director of Rane Brake Lining Ltd, PS Jayaraman, Chairman, TCI Sanmar Chemicals S.A.E., Dr Heba Salaheldin Elmarassi, Ambassador of Egypt to India, T T Ashok, Chairman, International Linkages Sub-Committee, CII SR & Managing Director, Taylor Rubber Pvt Ltd, Dr Khaled Melad Rezek, Commercial Counsellor, Embassy of Egypt in Delhi.

Indo-Japan Chamber of Commerce and Industry

Special meeting 'Reiwa'

A special meeting on a new Japanese Imperial Era - 'Reiwa' and reminiscing 'Heisei' Era was conducted on 24 May 2019 at Hotel Savera. Organised by N Kumar, President, Indo-Japan Chamber of Commerce and Industry (IJCCI), Kojiro Uchiyama, Consul General of Japan, Chennai, was the chief guest.

Welcoming the gathering N Kumar said, "It is indeed a very special occasion where, for the first time, an Emperor has abdicated the throne to his son - the end of the 'Heisei' Era."

"IJCCI feels very special as its former Chairman and Founder Member, the Late Dr N Krishnaswami was decorated twice by the Emperor and we, as an Organisation, are very proud of this. With the recent election results announcing Narendra Modi as Prime Minister of India and his special bond with Abe Shinzo, the two countries are set for greater partnership and growth. The recent announcement of joint development of Colombo Port in Sri Lanka is a pointer to this partnership."

"The Reiwa Era, I am confident, will augur great partnership between our two countries and will set a milestone in Japan-India relations. IJCCI will continue to play its catalytic role in every possible way towards this mission," he said.



N Kumar, President, Indo-Japan Chamber of Commerce and Industry (IJCCI) greeting Kojiro Uchiyama, Consul General of Japan in Chennai.

(L to R) : Dr VL Indira Dutt, Managing Director, The KCP Ltd, Malathi Pandurang, Sensei, Sogetsu School of Ikebana Floral Art, Tokyo, Suguna Ramamoorthy, Secretary General, IJCCI, Mr Kojiro Uchiyama, Consul-General of Japan, Chennai, N Kumar, President, IJCCI, Gopalkrishna Gandhi, Former Governor of West Bengal, N Ravi, Director, Kasturi and Sons Ltd.



Vijay Sankar's keynote address at Vinyl India 2019

“Is the Indian Vinyl Industry geared to partner an infra boom?”

Vijay Sankar delivered the keynote address at the 9th Edition of Vinyl India, International PVC & Chlor-Alkali Summit, held at Mumbai on 15-16 April 2019, on the topic “Is the Indian Vinyl Industry geared to partner an infra boom?”

Beginning his speech robustly with the fact that PVC, a product more than 100 years old, is the third largest plastic consumed globally, Vijay Sankar delved on the more than five decades old PVC manufacturing

history in India, and that India accounted for almost a quarter of global trade in PVC.

Elaborating on the tremendous scope for the growth in demand for PVC in various sectors such as agriculture, housing, and other applications, Vijay Sankar expressed concerns over inequality between growth in the upstream and downstream segments in the past 15 years that had led to the dampening of the Vinyl industry. He alluded to

Vijay Sankar delivering the keynote address.



practices in the Western countries, which could be a good benchmark on this issue.

Stressing on Prime Minister Narendra Modi's 'Make in India' programme, with the intent that manufacturing strength should be built within the country, Vijay also explained the huge potential that is otherwise tapped by international suppliers. Encouraging local production that has the potential to spark off huge investments and job creation in India, is what the domestic economy sorely needs. This was important

from an economic perspective and has strategic geo-political implications, he stressed.

Vijay Sankar also observed that PVC supply demand balance was getting tighter in the world and particularly in India. There are ample opportunities and hence the need to encourage PVC investment within India. He cautioned that with great opportunity comes great responsibility, and the onus was on the industry to demonstrate that responsibility in handling environment and safety.

(L to R): Meela Jayadev, President, All India Plastics Manufacturers Association, Vijay Sankar, Deputy Chairman, The Sanmar Group and President, Indian Chemical Council, P Raghavendra Rao, IAS, Secretary, Dept. of Chemicals & Petrochemicals, Government of India, Kamal P Nanavaty, President – Strategy Development, Reliance Industries Ltd.



Celebrating S Muthiah, Chronicler Extraordinaire of Madras



N Sankar, addressing the audience.

The city's best known chronicler, S Muthiah, passed away on 20 April 2019. Passionate about the history of 'Madras that is Chennai' and appalled at the indifference with which it was treated, Muthiah wrote his first book 'Madras Discovered', in 1981, and after it became a best seller, 'Madras Rediscovered' followed, the most recent of which came out in late 2018. Muthiah also authored histories of numerous corporates and personalities in the city.

In 1991, Muthiah brought out Madras Musings, a fortnightly dedicated to history, culture and heritage of his beloved city. When the magazine was financially unviable in 1996, N Sankar of The Sanmar Group stepped in, and together with several corporate houses of the city, ensured that the periodical continued without a break. Madras Musings, now owned by Chennai Heritage, celebrated its silver jubilee in 2016.

Other than Musings, Madras Miscellany, his weekly column for

The Hindu had many readers who were delighted on the city's stories every Monday.

Speaking at the memorial function organised on 17 May 2019 by the Chennai Heritage to celebrate the life and times of S Muthiah, N Sankar recalling his association for over two decades said, "Mr Muthiah was, without doubt, the leading chronicler of Madras and its history and culture. He was the flag bearer on all issues which he felt negatively impacted in any way this city which was so dear to him; the go-to person for any query regarding the city's past, as the hordes of visitors from all over the world looking for their family's past links to the city will vouch. Incidentally, to him the city was always Madras. He never really took to its name change to Chennai...."

"Having read that Madras Musings planned to cease publication, I called Mr Muthiah and offered to work out a solution. Muthu was his usual gruff self - not surprising since he had never

Sriram V, Editor, Madras Musings, speaking at the event.





met me - and his disbelief in me, a businessman, doing anything without seeking something in return came through very strongly. Obviously he did not have much confidence that the business community in Madras had a conscience in matters of heritage and culture. Anyway I managed to convince him, and we successfully worked together to continue Madras Musings which has since grown from strength to strength.”

“He always gave me more personal credit than I felt was due for this rescue act. The reputation that he had established for Madras Musings and

for himself was so strong among the business leaders that a large number of them responded spontaneously with commitments of support. More than the rejuvenation of Madras Musings, I was happy that Muthu came to appreciate that the Madras business community’s heart did beat for its metropolis.”

“Over the years he brought out a large number of delightfully readable books... It has been a longstanding tradition in Sanmar that our overseas visitors and JV partners are always presented one of his coffee table books, Madras - Past and Present.”

A view of the audience at the commemoration meeting.



Clean Petroleum Products Tanker, Sanmar Sruthi,

Sanmar Sruthi, a Long Range 1 (LR1) Clean Petroleum Products Tanker is the latest addition to the Sanmar fleet.

A product of Onomichi Dockyard Limited, one of the yards that continues to build the most versatile and robust vessels, she joined the Sanmar Shipping fleet on 15 May 2019.

Sanmar Sruthi is a double hulled oil tanker of 74000 DWT and is 221 m long and 38 m wide. She is capable of transporting approximately 83,000 CBM of Clean Petroleum Products and is powered by 15015 BHP main engine which could propel the ship at a speed of 15 knots.

With the addition of Sanmar Sruthi, Sanmar Shipping will now be present in three segments of the clean products transportation, the LR2, LR1 and MR. This will also give Sanmar the flexibility to offer its services to various parcel sizes that are transported along the Indian coast, as well as the international market.



Sanmar Shipping's Capt K Rajasekaran and GVV Ramesh Babu (3rd and 4th from left) with the seller's representatives.



joins Sanmar Shipping's expanding fleet



TCI Sanmar India Day celebrated at Port Said

'India by the Nile,' a festival of India in Egypt - Season 7



Yoga and Wellbeing, Sessions in Wellness.

“India by the Nile encapsulates India’s animated cultural matrix like no other international festival in Egypt. Over the past 7 years, the festival has received immense appreciation from audiences in Egypt,” said India’s Ambassador to Egypt Rahul Kulshreshth. The Ambassador also acknowledged the contribution and continued support from TCI Sanmar for the festival.

TCI Sanmar Chemicals supported for the 7th year in a row, the festival of India in Egypt presented by the Embassy of India in Egypt and Teamwork Arts.

A celebration of the essence of India, through classical and contemporary performing and visual arts, food and popular culture, India by the Nile attempts to amalgamate diverse cultural and artistic strands.

The festival that was held from 5-17 March 2019 in Cairo, Alexandria and Port Said, provided audiences with a keen flavour of India’s vibrant aesthetic traditions while strengthening artistic collaborations and bilateral ties between the two countries.

As a part of the 7th milestone chapter of India by the Nile, the TCI Sanmar India Day was celebrated at Port Said, with exclusive performances and various workshops in yoga, dance and music.

TCI Sanmar India Day, a celebration of Indian Culture



India’s Ambassador to Egypt, Rahul Kulshreshth, and PS Jayaraman (1st and 2nd from left) with the performing artists.

SANMAR-TNTA League Championship

Madras Cricket Club, seventh time title winner

Madras Cricket Club 'A' lifted the KS Narayanan Rolling Trophy for the 7th time in a row beating Ransa Sports Club 'A' by a 2-0 lead in the finals of the 'A' zone at the 27th SANMAR-TNTA Chennai City Club Tennis League played at the Madras Cricket Club on 12 April 2019.

The experienced MCC pair of Mohd. Fariz and Vinod Sridhar held sway throughout the match as they scored a facile 6-2, 6-1 win to give MCC the first point. In the second match, Somdev Devvarman and Neeraj Elangovan put it past an inspired RS Mohit and Anush Rajasekhar to score a 6-2, 7-5 win to give MCC the winning lead.

MN Radhakrishnan, Director, The Sanmar Group, gave away the Trophy to the winners and runners-up in the presence of

Prem Kumar Karra, Honorary Secretary, TNTA. The winner will receive a prize of Rs 64,000 and the runners up Rs 32,000.

At the TNTA Annual Day held on 2 May 2019, N Sankar gave away the Trophy and prize money of Rs 3,46,500 to the league winners and runners-up of the 27th SANMAR-TNTA Chennai City Club Tennis League Championship 2018-19 in the presence of TNTA President Vijay Amritraj.

MN Radhakrishnan, Director, The Sanmar Group (5th from right) with winners of the KS Narayanan Rolling Trophy - Madras Cricket Club 'A' and Runners-up, Ransa Sports Club 'A'.



N Sankar and Vijay Amritraj with the TNCA- Sanmar League Winners (2018-19).



Chemplast cricket teams create history

Jolly Rovers and Alwarpet CC clash in TNCA Cricket league finals



Jolly Rovers, League Champions and Winners, the Raja of Palayampatti Shield (2018-19).

Jolly Rovers and Alwarpet CC, both teams owned and run by The Sanmar Group clashed in the finals of the TNCA first division cricket league on 22 March 2019. This is the first time in the history of the TNCA league that two teams owned by the same firm had reached the finals.

Jolly Rovers' records speak for themselves. The team has 65 titles

to its credit since its inception in 1966. It has won the coveted Raja of Palayampatti Trophy 20 times and the prestigious VAP trophy 7 times, since its inception in 2005-06.

In the semifinals, two teams sponsored by Chemplast and two teams by India Cements locked horns. While Chemplast's Alwarpet CC won against India Cements' Grand Slam on the

one hand, Chemplast's other team Jolly Rovers beat India Cements' Vijay CC.

Alwarpet CC got the better of Grand Slam in a thrilling encounter. It was a total last wicket stand of 44 runs

between Manprit Juneja (157 not out) and Jagannath Srinivas (26 not out) that brought Alwarpet to the finals.

In the other semifinals, Jolly Rovers comprehensively overcame Vijay CC. Jolly Rovers scored 388 all out due to a 210 run partnership for the 3rd wicket between Baba Aparajith (170 runs) and Ankit Bawne (116 runs). Vijay CC were all out for 112 with DT Chandrasekar taking 4 for 46. Jolly Rovers went into the match with just one main bowler as five of the regular bowlers were not available due to fitness issues and IPL.

TNCA League finals was an all home affair between Jolly Rovers and Alwarpet CC. Jolly Rovers scored 434 for 3 with Baba Indrajith (112 not out) and Ankit Bawne (100 not out) in a partnership of 231 runs for the 4th wicket leading the way. Alwarpet CC in reply were all out for 317.

*Alwarpet CC, Runners Up,
TNCA league (2018-19).*





Bharath Reddy speaking at the get-together dinner.



Jolly Rovers clinched its 20th league title and the Raja of Palayampatti Shield.

N Sankar hosted a dinner for the players of both teams on 10 May 2019 at ITC WelcomGroup. Thanking Sankar for his continued patronage

to the cricket teams in the last 52 years and counting, Bharath Reddy mentioned that it is the drive and dedication shown by Sankar that propels the management and players to strive for excellence and bring in new laurels.

All-rounder B Aparajith; batsman Ankit Bawne

Standout performances for Jolly Rovers

B Aparajith

B Aparajith made his Ranji Trophy debut for Tamil Nadu at the age of 17, before being introduced on a larger platform in 2012 during the Under-19 World Cup in Australia. He played a pivotal role in India Under-19s' title triumph, scoring 171 runs and taking five wickets to add to Man-of-the-Match awards in the quarter-final against Pakistan U-19s and the semi-final against New Zealand U-19s.

A product of age-group cricket in Tamil Nadu, B Aparajith, alongside his twin brother B Indrajith, is presently under the able guidance of coach G Jayakumar. Aparajith relishes the cover drive and has grown to become one of batting leaders of Tamil Nadu team.

Aparajith hit his maiden double-century, for South Zone against West Zone in the Duleep Trophy 2013-14. He followed it with another double, this time for Tamil Nadu against Services, in the same season. Aparajith has also been a regular member of the India A sides since his Under-19 success, and his maiden first-class five-wicket haul came against Australia A at Chennai in 2015.

With 1281 runs (6 100s and 5 50s) in the current season, Aparajith broke the TNCA League records. "Cricket is my passion. I love to be perfect in it," he says with fervour.



B Aparajith

Ankit Ramdas Bawne

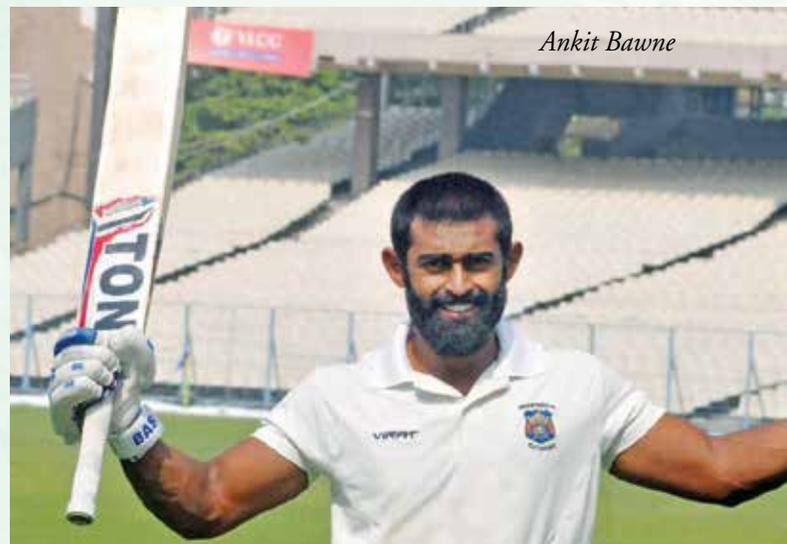
Known as a complete batsman, Ankit Ramdas Bawne scored 1000+ runs in Ranji trophy and IPL and is still adding to his kitty. Having debuted at 15, Ankit grew up to be a batting superstar in the Indian Domestic Circuit. He is one of the highly rated players both by his peers and coaches alike.

Bawne represents Maharashtra and boasts of a first-class average of over 50. His breakthrough season came in 2012-13 when he averaged over 60 with five fifties on the trot. Since then, there has been no looking back for this lad with impressive performances coming in the years that followed as well.

Bawne worked on his limited-overs skills too and it paid rich dividends in the 2014-15, Vijay Hazare Trophy, where he shone bright. His promising talent fetched him a contract with Delhi for the 2017 Indian T20 League season.

Maharashtra coach Surendra Bhave said in 2014, "Look at his front-foot stride. I can't see anyone else who has a front-foot stride as big as that against fast bowlers." He is known for scoring runs in 'tricky situations' and as 'a go-to man for Maharashtra in times of crises.'

Bawne's score of 883 runs in 8 innings (6 100s and a 50), an impressive average of 147.17 in the current season, speaks for itself.



Ankit Bawne

The Black Hole 'Spaghetti' unravelled

Katherine Louise Bouman, the computer scientist whose algorithm made the Black Hole image possible.



The Event Horizon Telescope captured a photo of a supermassive black hole at the centre of M87, a galaxy 54 million light years away.

Black holes remain one of the biggest mysteries of the cosmos even 103 years after physicist Karl Schwarzschild first predicted its existence in 1916, although its interpretation as a region of space from which nothing can escape was first published by David Finkelstein in 1958.

A black hole is a region in space where the pulling force of gravity is so strong that even electromagnetic radiation such as light can't escape from it. The strong gravity occurs because matter has been pressed into a tiny space. This compression can take place at the end of a star's life. Some black holes are a result of dying stars.

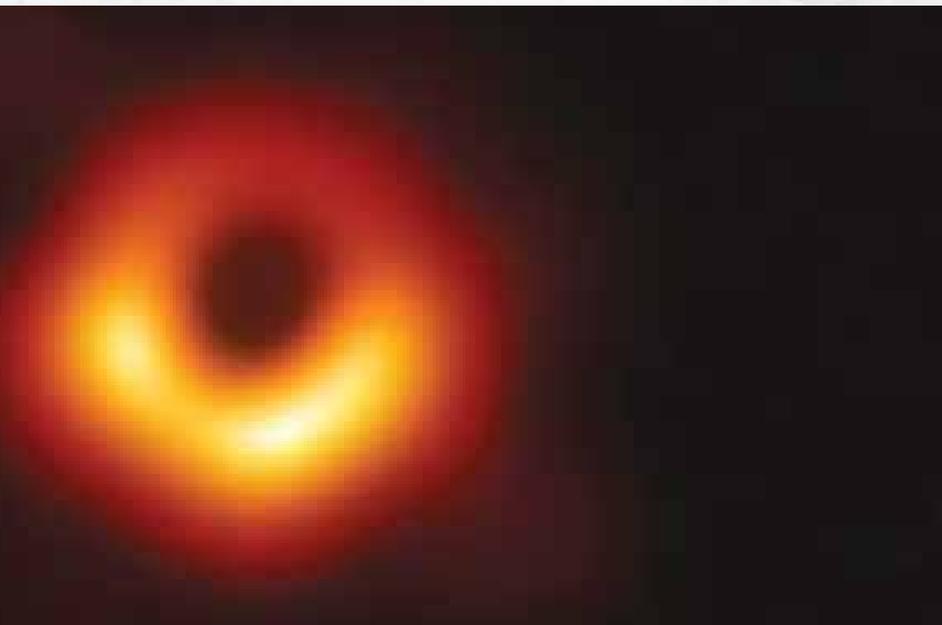
Black holes cannot be seen or measured in conventional methods, and until recent developments, remained a hypothetical scenario. In 2015, scientists detected the side effect of two black holes merging together, which seemingly proved right by one of the brightest minds of the 20th century – Albert Einstein. Black holes locked into an orbit around one another – binary black holes – will

eventually fall towards each other and merge.

As no light can escape, black holes are invisible. However, space telescopes with special instruments can help find black holes. They can observe the behaviour of material and stars that are very close to black holes.

The space is as such a very dark place where some areas are darker than others. But, nothing is darker than a black hole. Since black holes form at the end of some stars' lives, the energy that held the star together disappears and it collapses onto itself producing a magnificent explosion. All of that material left over from the explosion, many times the mass of the sun, falls into an infinitely small point.

Black holes can come in a range of sizes, but there are three main types of black holes. The black hole's mass and size determine what kind it is. The smallest ones are known as primordial black holes. Scientists believe this type of black hole is as small as a single atom but with the mass of a large mountain. The most

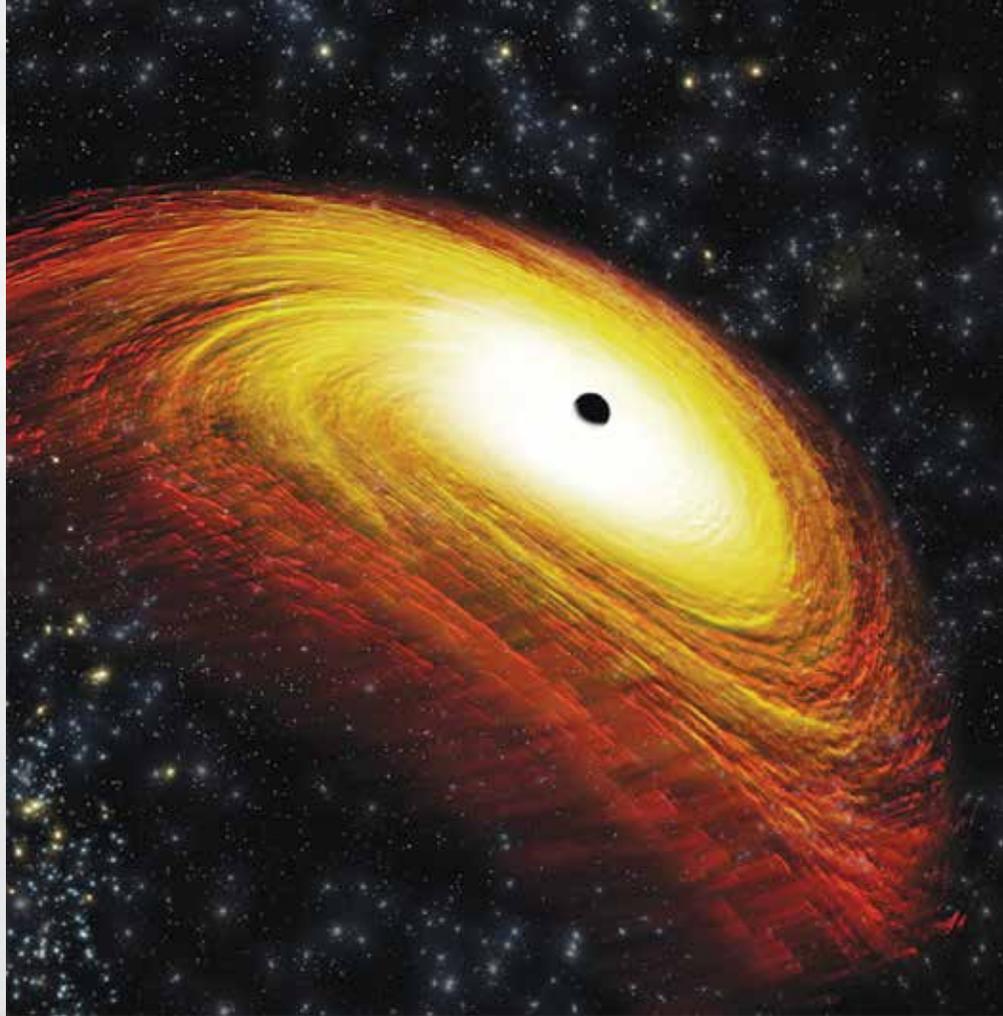


common type of medium-sized black holes is called “stellar.” The mass of a stellar black hole can be up to 20 times greater than the mass of the sun and can fit inside a ball with a diameter of about 10 miles. Dozens of stellar mass black holes may exist within the Milky Way galaxy.

The largest black holes are called “super massive.” These black holes have masses greater than 1 million suns combined and would fit inside a ball with a diameter about the size of the solar system. Scientific evidence suggests that every large galaxy contains a super massive black hole at its centre. The super massive black hole at the centre of the Milky Way galaxy is called Sagittarius A. It has a mass equal to about 4 million suns and would fit inside a ball with a diameter about the size of the sun.

If we took a spacecraft near a black hole’s event horizon, the spaceship will undergo ‘spaghettification!’ As a spacecraft approaches it, the gravity will be so much stronger on the side closer to the black hole than at the other side that it will get completely stretched out like a piece of spaghetti.

Stephen Hawking described the flight of a fictional astronaut who, passing within a black hole’s event horizon, is “stretched like spaghetti” by the gravitational gradient (difference in strength) from head to toe. If one were to fall into a black hole feet first, the gravity at their feet would be much stronger than at their head, causing the person to be vertically stretched. Along with that, the right side of the body will be pulled to the left, and the left side of the body will be pulled to the right, horizontally compressing the person. However, the term “spaghettification” was



This is an illustration of a black hole scientists believe may exist based on data from NASA's Chandra X-ray Telescope and other observatories.

established well before this. Spaghettification of a star was imaged for the first time in 2018 by researchers observing a pair of colliding galaxies approximately 150 million light-years from Earth.

This year on 10th April, the world was treated to something unprecedented - the first ever image of a black hole - identified by Katherine Bouman and her team. Specifically, the image captured the Super massive Black Hole (SMBH) at the centre of M87 (aka. Virgo A), a supergiant elliptical galaxy in the Virgo constellation.

Lucky for mankind, the nearest black hole is believed to be in the V616 Monocerotis system, 3,000 light years away. The black hole is 73,833,468,262 times as far away as the moon. At the speed the Apollo capsules travel, it would take 80,472,276 years to get to that black hole. So, if the dinosaurs had a space programme and launched an astronaut towards that black hole, he or she might just be getting there, now.

From days of mothers showing the moon and feeding their children to days when children watch the moon on cell phones, man has been discovering many a thing - from Aira – on demand eyes for the blind, the Vulcan 3D printer for erecting the basic structure of a home to QLED with ambient mode, more and more mysteries would unravel itself for mankind to explore and understand.

N Kumar takes over as President Bala Mandir Kamaraj Trust

N Kumar joined the Bala Mandir Kamaraj Trust as its President, with the Madhuram Narayanan Centre for Exceptional Children joining hands with Bala Mandir in a bid to extend comprehensive care to children with special needs.

Started in 1949 by K Kamaraj and Manjubhashini, the Bala Mandir trust provides care and educational opportunities for children. Bala Mandir, which recently celebrated 70 years of its founding, has been taking on multiple roles to help improve the lives of children in difficult circumstances.

A three-day celebration was held from 8-10 March 2019 to commemorate the 70-year journey of the trust. As part of this, a cultural centre was inaugurated, to sensitise children in Social Responsibility, to play their part in transforming the country.



N Kumar, inaugurating the Bala Mandir 70th year milestone event by lighting the lamp.



N Kumar presenting a memento to Gopalkrishna Gandhi, Former Governor of West Bengal, at the Bala Mandir 70th year celebrations.

Chemplast's CSR activities at Karaikal and Cuddalore

Air conditioners for Maternity Ward of Karaikal GH

Three air conditioner units with stabilizers were donated to the Maternity Ward of the Government General Hospital, Karaikal on 15 June 2019 by Chemplast Sanmar in the presence of District Collector, Karaikal, A Vikranth Raja, IAS, who appreciated Chemplast for this gesture.



Chemplast Cuddalore Vinyls contributes towards infrastructure development at Schools



Financial contribution of Rs 3 lakh was extended by Chemplast Cuddalore Vinyls Limited towards infrastructure development of schools at Chitrapet Village. The cheque was handed over on 27 April 2019 to Chitrapet village Panchayat heads M Arumugam and G Elumalai by Chemplast's N Palanisamy.

Chemplast Karaikal contribution to temple festival

Chemplast Sanmar Karaikal donated for temple festival at Vadakku Vanjore, Karaikal. S Mathivanan of Chemplast handed over the cheque to the temple authorities on 24 May 2019.



Iconic Institutions of Chennai

The Government Museum



Madras that is Chennai is a confluence of many architectural marvels, with its numerous heritage buildings including the Chennai Central, Ripon Building, Fort St George and the government museum, to name a few.

Built in the Indo-saracenic style by architect Henry Levin, the Government Museum is the second oldest in India after the Indian Museum in Kolkata. In January 1851, Dr Edward Balfour, Medical officer of the Governor's bodyguard was appointed as the first officer incharge of the Government Museum. Since the Museum was in a dilapidated condition, Dr Balfour advocated shifting to another building and so in 1854, it moved to its present premises on the Pantheon Road, Egmore from College Road, Nungambakkam.

Interestingly, the museum's growth began with a gift collection of 1,100 geological specimens by the Madras Literary Society to the then British Government in 1851. It takes the

credit for being the first government sponsored museum in India with 20,000 freely gifted specimens ranging from rocks to books.

The museum houses an impressive Theatre built in Italianate style of architecture developed in England in the early 1800s. The old-world charm clearly stands apart from the posh auditoriums and aesthetically done-up 'Sabhas' fitted with digital audio systems. The theatre has been attracting earnest attention from performing artists for years. There is a huge reading room (built in 1859) with a wooden ceiling between two curved rows of stained glass, supported by ornate pillars and arches embellished with sculpted acanthus leaves.

As visitors to the museum increased, Dr Edward Balfour requested the Nawab of the Carnatic, to send the wild animals he had to the museum. In 1854, a young cheetah and tiger were kept in the museum and they attracted visitors from far and near.



In September 1855 AD, a notification was issued asking for the animals to be gifted to the Museum Zoological Gardens. By the first half year of 1856 AD, the Madras Museum had a zoological garden with 360 animals. In 1863 AD, the City Municipality took over the Zoological Gardens and shifted it to the People's Park.

Later in 1905-1906, the British government planned to have an aquarium in the museum complex. The aquarium was opened to the public on October 21, 1909 AD and was very popular. In 1942 AD, owing to the threat of a Japanese attack on Madras, the city was evacuated, the collections in the Aquarium were thrown out and it ceased to exist. Attempts to rebuild the aquarium did not fructify.

The museum complex consists of six buildings and 46 galleries covering an area of nearly 16.25 acres. The objects displayed in the museum cover a variety of artifacts from diverse fields such as Archaeology, Art, Anthropology, Numismatics, Zoology, Botany, Geology, sculptures, palm-leaf manuscripts, children's museum, and chemical conservation section.

The Archaeological section of the museum is primarily concerned with the acquisition, preservation and display of antiquities of the historic period of South India. It has a wonderful collection of bronze figures, specimens of sculpture and architectural pieces, inscriptions and industrial art objects. In addition to the presentation of actual exhibits, an audiovisual presentation in the gallery is a treat for the visitors.

The art gallery has a good collection of paintings and sculptures, both traditional and modern. The Raja Ravi Varma paintings, which are considered National Treasures, have been placed in a gallery with Fibre Optic lighting for better view. The new Rock and Cave Art Gallery makes the Rock and Cave Art found usually in the remote areas easily accessible to the visitor. By using the latest techniques of display, the museum has simulated the natural atmosphere of the caves.

The zoology section is one of the largest in the museum. It has 12 galleries showcasing models of animals, amphibians, reptiles, birds, mammals, invertebrate, and fish galleries. The display of the gigantic skeleton of the Great Indian Baleen Whale is a must-see. Next to this section is the huge life-size animatronics Tyrannosaurus Rex that can open its mouth and roar aloud. The head of the T-Rex moves from one side to another, so life-like.

The Children's Museum, being one of the six smaller museums in the complex, is a place where teachers could teach their wards about different displays.

The Museum has also the unique privilege of organising the first Philatelic Gallery in any Museum in India. The gallery has been organised in 1964 to present the evolution and development of postage stamps in the world. Stamps of all countries of the world beginning with the inception of the modern Postal System are displayed here.

Other than the breathtaking views inside, the museum's shady trees around the building and its intricate sculpture garden is a haven for visitors to sit and relax.



