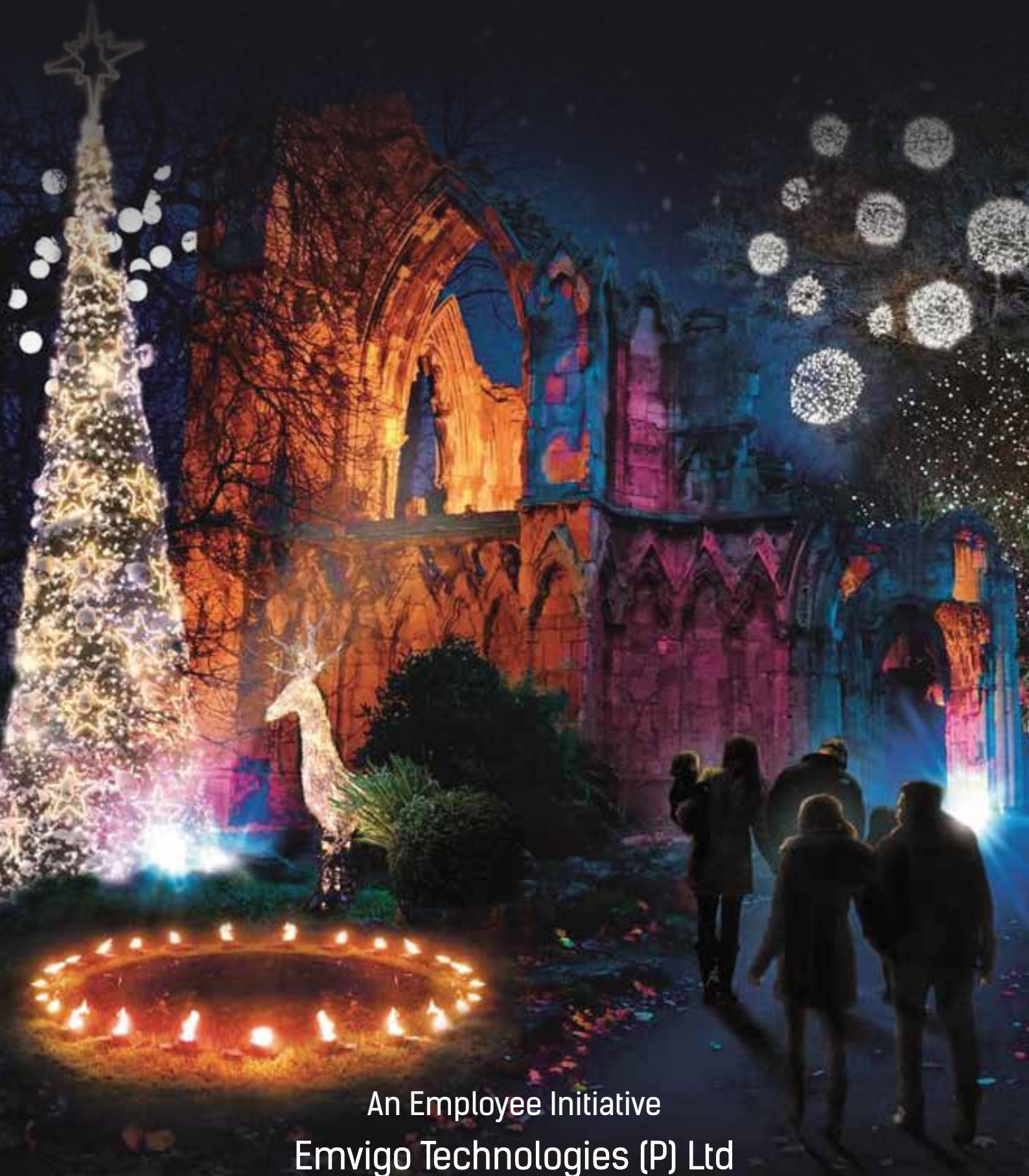


# emCONNECT

December 2017 / Issue 04



An Employee Initiative  
Envigo Technologies (P) Ltd

EDITORIAL

---



AGHISH BABU

# DIGITAL FORTRESS

BY DAN BROWN

Digital Fortress by Dan Brown is a tech heavy thriller published in 1998 St. Martin's Press. The book centers around a super computer called TRANSLTR. TRANSLTR owned and invented by The National Security Agency is a code-breaking supercomputer written to decrypt computer algorithms and codes.

While letting the world believe that certain strong encryption algorithms are too mathematically complicated to break in a reasonable amount of time given current technology, the NSA (National Security Association) has developed a machine which can break anything- until a new unbreakable encryption algorithm is created by an individual with a grudge against the NSA.

The NSA find themselves in a position of needing to intercept and destroy the algorithm before it can be released to the world and render their spying efforts useless. Along the way there are twists and turns and different individuals with different agendas to add some excitement to the story.

At first the I felt the book rather boring but moving on it gathered pace and was an engaging edge of the seat thriller.This book is an example of techno-thriller at very best.I do feel the book was well written and entertaining but I found the ending very far fetched.Still a good book and worth a read.But I wouldn't suggest this for the beginners as myself a beginner then took almost 2 weeks to finish the first 20 pages with a dictionary in hand.



EDITORIAL



JERRY GEORGE

# തന്ത്രം

Inniee saphathi niravil  
vannananju mattoronappulari koodi

Oormakale vaarippunarnnukondaa  
Onanilaavine varavelkave  
Enthinennariyaathe nirayumi mizhikale  
kachathumbinaal oppiyeduthu njaan

Kaazhchakal mangiya mizhikaliloode njaan  
Thedunnathaareyinni poomukha vathilkal  
Kothiyode nilppu njaana koluzin kilukkavum  
Kilikonchalum kaathorthu vyarthamai

Oormakalilundaayirunnenikkum nal oonam  
En unnikalkkum priyanumoppam  
Pookkalamorukkalum oonakkalikalumokkeyai  
Ee kurumbukal than kusurthi niranjoronam

Oonjaalil eenathil aadunna paithale  
Nirvrithiyode rasikkunnu njangalum  
Koodu, sadhyavattathinum priyamaarna paaladak-  
kumai  
Adukkalayerathu koodunnu kalichirikalode

Pulikali koottathe kandu bhayannente  
Njenjilai oodiolkunnu aaromalunnikal  
Mizhineerozhuki olikkave, neeyini thaniyeyennothi  
akalunnu oormakal

# Why?

## Samuel Pierpont Langley vs Wilbur and Orville Wright

Samuel Pierpont Langley set out in the early 1900s to be the first man to pilot an airplane. Langley was given a \$50,000 grant from the War Department to fund his project, a tremendous amount of money for the time. He pulled together the best minds of the day, a veritable dream team of talent and know-how. Langley and his team used the finest materials, and the press followed him everywhere. But with all these parameters did they win? – Hell No.

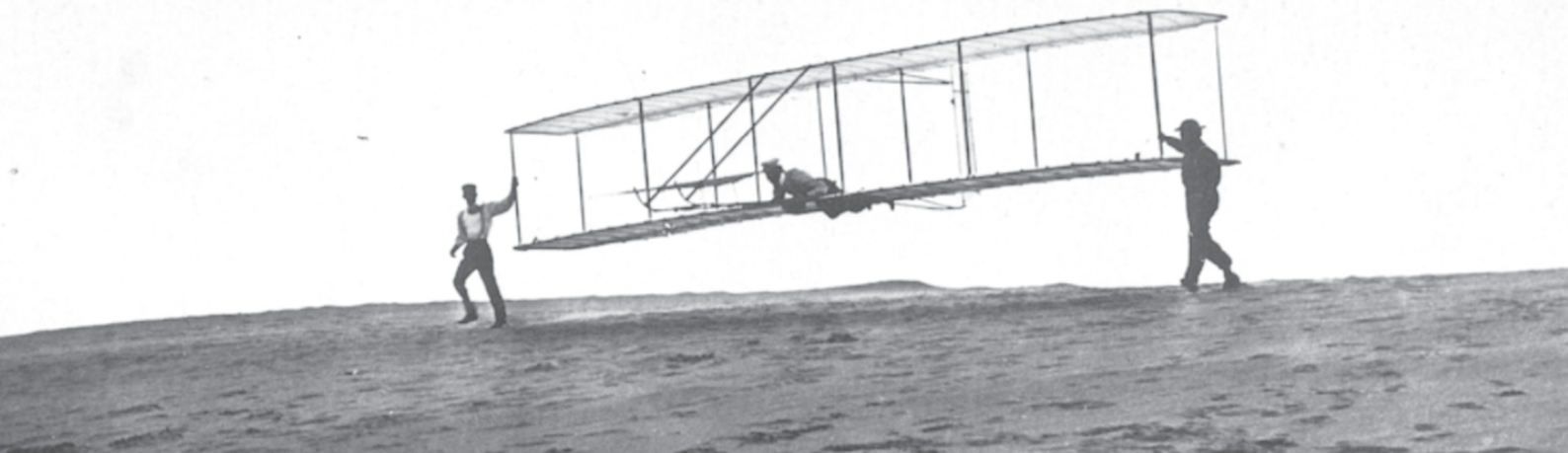


ANOOP EP

A few hundred miles away, Wilbur and Orville Wright were working on their own flying machine. Their passion to fly was so intense that it inspired the enthusiasm and commitment of a dedicated group in their hometown of Dayton, Ohio. There was no funding for their venture.



No government grants. No high-level connections. Not a single person on the team had an advanced degree or even a college education, not even Wilbur or Orville. But the team banded together in a humble bicycle shop and made their vision real. On December 17, 1903, a small group witnessed a man take flight for the first time in history.







LAXMI

# Easiest 'Chocolate Cake'

## Ingredients

- 1 1/2 cups all-purpose flour/maida
- 1 cup granulated white sugar
- 1/4 cup cocoa powder sifted
- 1 teaspoon baking powder
- 3/4 teaspoon baking soda
- 1/4 teaspoon salt
- 1/3 cup unsalted butter, melted
- 1 cup warm water
- 1 teaspoon vinegar)
- 1 teaspoon vanilla extract

Bake in preheated oven for about 30 minutes, or until the cake springs back when lightly pressed and a toothpick inserted in the center of the cake comes out clean. Remove from oven and wait for it to cool down.

## Frosting

Place the chopped chocolate, cream, and butter in a heatproof bowl. Place over a saucepan of simmering water and melt until smooth. Remove from heat and let stand at room temperature until it is of pouring consistency. Then pour the frosting over the cooled cake. Let stand until frosting has thickened and enjoy the treat :)

## Chocolate Frosting

- 170 grams semi-sweet chocolate, chopped
- 3/4 cup heavy cream
- 1 tablespoon unsalted butter, room temperature

## Chocolate Cake

Preheat oven to 180 degrees C. In an bowl, stir together the flour, sugar, sifted cocoa powder, baking powder, baking soda, and salt. Add the melted butter, water, vinegar, and vanilla extract. With a fork, mix all the ingredients together until well blended. Pour it into a medium sized cake pan.





LAXMI

# Chicken Nuggets

## Ingredients

- ½ kg boneless chicken cut into thin strips
- For coating:
  - 1 cup all-purpose flour/Maida
  - 1 teaspoon garlic powder
  - ½ teaspoon baking soda
  - 1 teaspoon onion powder
  - 1 teaspoon Kashmiri chilli powder
  - ½ teaspoon of oregano (optional)
  - Salt as per taste
- For marination:
  - 1 cup buttermilk
  - 1 teaspoon garlic powder
  - 1 teaspoon onion powder
  - 1 teaspoon Kashmiri chilli powder
  - Salt as per taste



Mix all the ingredients under marination and immerse the chicken strips in the marinade for at least 15 mins. Mix all the ingredients under coating and leave it aside. Remove the chicken strips from the marinade and pour 1/4th of the marinade into the coating mixture. Rub the coating mixture with marinade thoroughly until you get a grainy texture.

Take the chicken strips one by one and roll it in the grainy coating and deep fry it in medium flame and enjoy the yummy goodness.



SUMESH

# Elon Musk

## The World's Raddest Man



Elon Reeve Musk is an American entrepreneur, inventor and investor. He is best known for his role as CEO of electric-car manufacturer Tesla Motors, and as co-founder of online money transfer system PayPal, and of commercial space program SpaceX.

**He is not only an entrepreneur but also an inventor, innovator, and engineer.**

As CEO of SpaceX, CEO of Tesla, and cofounder of OpenAI, Musk seems to be everywhere all at once, pushing all kinds of incredible new technologies. He's said he won't be happy until we've escaped Earth and colonized Mars.

### Elon Musk: Success Story

"The first step is to establish that something is

## Tesla Motors

Elon Musk came into the project in 2004, he participated in designing of their first electric car, which was a Tesla Roadster . By 2006, the project has got into newspapers and Musk received Global Green 2006 product design award for Tesla Roadster design. Tesla Motors continued to grow and now the pool of investors included the creators of Google, Larry Page, and Sergey Brin and the total amount of the investments reached over \$100 million.

**"Tesla is here to stay and keep fighting for the electric car revolution.  
– Elon Musk"**



Elon Musk believes that the world has become dependent on oil. This dependence leads to climate change and permanent geopolitical tensions. A refusal of internal combustion engines in favor of electric motors can make a difference. Therefore, Tesla Motors is not a mere business for Musk.

# SolarCity

SolarCity Corporation is a provider of energy services headquartered in San Mateo, California, USA. The co-founders of SolarCity are two cousins Lyndon and Peter Rive.

SolarCity provides solar power systems for homes, businesses, and governments.



# SpaceX

Elon Musk started thinking of creating a space exploration technologies corporation (SpaceX) at the turn of the century. He was inspired by an ambitious idea of reducing space transportation costs to enable people to colonize Mars.

Musk even tried to order launch vehicles from Russian Federation and discussed that with Russian officials, but he decided not to make a deal with them. Later Musk came up with an idea to design his own reusable launch vehicles and spaceships.

# Hyperloop

It was his concept of the fifth mode of transport called Hyperloop.



Hyperloop is solar-power high-speed transportation system driven by linear induction motors and air compressors should deliver people from Los Angeles to San Francisco in 30 minutes covering the distance of 381.8 miles (614.44 km).Hyperloop would be two times faster than a plane and will not be limited to any schedule.

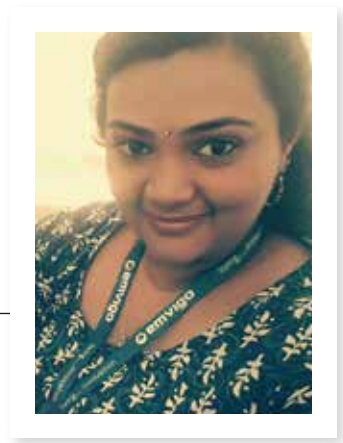
Hyperloop is going to be a great way of transportation for large cities located at a distance of not more than 900 miles (1500 km) from each other. For longer distances, aircraft is more suitable.

# Neuralink

Elon Musk is backing a brain-computer interface venture called Neuralink.It is centered on creating devices that can be implanted in the human brain, with the eventual purpose of helping human beings merge with software and keep pace with advancements in artificial intelligence. These enhancements could improve memory or allow for more direct interfacing with computing devices.

**"I think it's very important to have a feedback loop, where you're constantly thinking about what you've done and how you could be doing it better."**

Elon Musk, the man who is never scared of dreaming big, a risk-taker and a successful investor is a true inspiration for all of us when it comes to instigating environmentally friendly approaches to new innovations and ensuring that there are no negative effect on the planet.Science and technology has a profound impact on the world as well as our lives which is immeasurably wide and astonishing. These are now becoming a prerequisite when it comes to enhancement of economy of a nation as well as furtherance of a person. Let us celebrate every such moment of fast advancement in Science and technology and welcome these with open arms.



RAMITHA

# interesting FACTS!

01

Hot water will turn into ice faster than cold water.

02

The Mona Lisa has no eyebrows.

03

The strongest muscle in the body is the tongue.

04

The most common name in the world is Mohammed.

05

When the moon is directly overhead, you will weigh slightly less.

06

Camels have three eyelids to protect themselves from the blowing desert sand.

07

There are only two words in the English language that have all five vowels in order: **"abstemious" & "facetious."**

08

The name of all the continents end with the same letter that they start with.

09

Minus 40 degrees Celsius is exactly the same as minus 40 degrees Fahrenheit.

10

Women blink nearly twice as much as men!

11

The Guinness Book of Records holds the record for being the book most often stolen from Public Libraries.

12

People say "Bless you" when you sneeze because when you sneeze, your heart stops for a millisecond.

13

The "sixth sick sheik's sixth sheep's sick" is said to be the toughest tongue twister in the English language.

14

If you sneeze too hard, you can fracture a rib. If you try to suppress a sneeze, you can rupture a blood vessel in your head or neck and die.

15

$444,444,444 \times 444,444,444 = 12,345,678,987,654,321$



MIDHUN UNNI

# PASSION & DETERMINATION IS ALL THAT MATTERS

There is this boy in a certain school. This boy has a fascination towards soccer and always practised his level best but was never selected for the final team but he never left his practise and hope.

Whenever he is there for practise, he was accompanied by his father who used to sit in the same seat till his practice is finished. The final year came and the final selections for the team is near and the practice is at its peak.

When there are still 4 days left for the selections and match, the boy suddenly stopped coming to the practice and the coach was not informed priorly about it.

The selections day came and the match will be in the afternoon and suddenly the boy appeared from nowhere before the coach and asked a place for him. Now the coach said "son, I had better players and you are not here for the practice sessions and how can u expect me to take you in, I can't go against my better judgement and I cannot take you in".

The Boy pleaded like anything and almost is on the feet of his coach begging a place for him. Now the coach never had seen anyone plead like that and said "son, okay I can give you a chance for the first half and you got to prove your abilities and never forget that the reputation of the school is at risk, this is the first time I am going against my better judgement"

The Boy thanked him and got into the finals. The match started.

The boy played like a house on fire and he converted every ball that came to him into a goal. Needless to say, the team won the match for the first time in their history and the boy was awarded the player of the tournament award.

When he came to the coach ,the coach asked him "son where have I went wrong all these days, how am I wrong in my judgement about you all these days , how did you play so well, what motivated you "

The boy replied "sir my father is watching me"

"Where is he watching from, whenever you made a goal I looked for your father and he is nowhere to be seen" said the coach with a surprised tone.

"Sir, there is one thing that you don't know, my father is blind by birth. He is just here to motivate me. Four days back he DIED and for the very first time he is watching me from there" and pointed his finger to the sky with tears in his eyes.

"That's what motivated me and made me play so well".



ARTICLE



SANJAY MENON

# Onam

## Memories

Festivals are moments of excitement and joy which takes us to our nostalgic memories and there is nothing more exciting than Onam ! From the delicious Sadhya spread, to dressing up, the pookalam, competitions in school to the Onam shopping.

Back in the days the first indication I had that Onam was round the corner was when the timetable for 1st Term Exams used to be published, nowadays I understand Onam is around the corner seeing the stalls being set up and readied for all the umpteen number of exhibitions ;)

Onam still has that romance to it. It is the festival all people of Kerala celebrate irrespective of Class or Creed. Onam is the grand stage where Kerala stands up to the world and shows its 'Unity in Diversity'.

I was lucky enough to celebrate Onam at a time when Onam was not just about offers, sales and exhibitions.

It all started at home when I used to get up all excited to put the Pookalam. Everyday we used to go to roam around in our neighborhood to pluck flowers for the next day. Setting up the stage to welcome Maveli and the Thiruvonam day festivities will forever be imbibed in my memory.

Another reason to remember Onam is due to my school where we had our Onam celebrations. Those were some of the best times of our life. The different competitions like onam pattu, kaikotti kali, vadam vali and of course the grand pookalam where we used to stay over at school or a friend's house nearby to collect flowers and start the pookalam in the wee hours of the day is something that can never be forgotten. The intraschool competitions was always high spirited affairs and all of us ensured no stone was left unturned to win the competition!

Times have changed and the way we celebrate Onam has taken a dramatic turn but like every memory we have am sure for all of us Onam and the 10 days of holidays are very special.

**During this Onam, I wish we all have the good fortune in the future to celebrate Onam like the way we did in our childhood or even better !**







# emCONNECT

An Employee Initiative

Envigo Technologies (P) Ltd

First Floor | Idasseril Chambers |  
Link Park | Pottakuzhy Road, Vaduthala | Cochin, Kerala - 682012  
ph: +91 484 3000 381/82 | email: [contact@emvigotech.com](mailto:contact@emvigotech.com)