



MIT



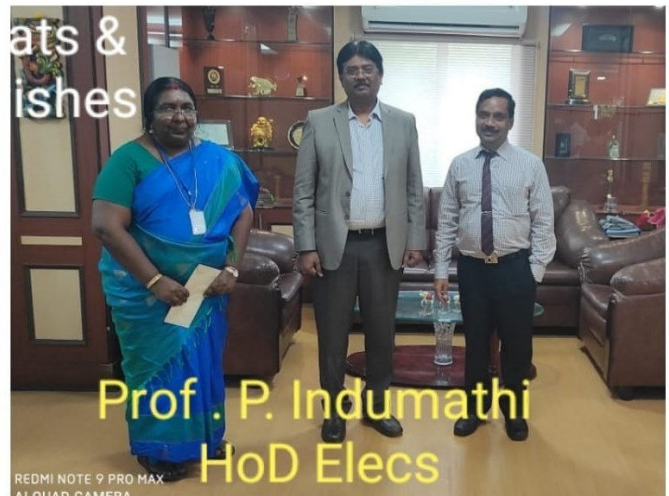
Virutcham

MIT & MITIANS UPDATES (Monthly E Magazine)

Hearty Congratulations To The Teachers of MIT Campus. We sincerely salute them for their commendable services.



Prof S. Srinivasan
HoD Inst Engg



Prof . P. Indumathi
HoD Elecs



Dr. L. S. Jayakumari,
HoD-RPT

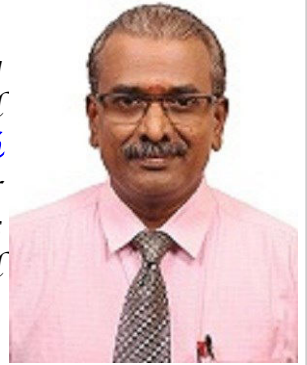


Dr K Praveen, AP-ECE
DD-CUIC



Editorial

The ninth publish in the year 2022 is ready and its being shared with you all. The last 30 days has witnessed lot of events and festivals and the most important one was the celebration of the **75th Independence Day of India**. The whole country celebrated with our National Flag being hoisted in their homes and this simple gesture has kindled positive vibrations among the citizens of the country and should be carried forward for many more years to come.



The E Magazine - MIT Virutchan is now meant for “**MIT & MITians Updates**” and not only for MITians Business Updates. Yet to get the students volunteers team to join the editorial team and hoping that from next month we will have more participation from the students and faculty of Madras Institute of Technology.

This Publish highlights:

One of the Alumni from 24th Batch Instrumentation has shared a write-up on our **Prof & Former Director Dr. S. Renganathan** which is truly inspiring. He has set an inspiring role model to many of our alumni during our college days. He has successfully ventured into education sector after his retirement from MIT and became a successful Entrepreneur. The younger generations need to emulate lot of good qualities from him.

The story on “**Wah Taj Wah...House of Tatas**” tells authentically why Tatas are revered as greatest Contributors of the Nation towards Industrial Growth. The Business ethics and values systems adopted by the employees and the Management Team have to be truly followed by every businesses to sustain and scale up their business networks.

How to **Pick your Stock ..Part 05** is yet another informative article for all those who are keen on investments and stock market. The write up on “**IPO of Tata Steel**” by our senior alumnus S Venkatasubramanian is really amazing to read. It shows how Tatas were Trend setters in all the fields in India.

The story on “**Best Friend (BF)**” is truly emotional and how the meaning of the word “Best Friend” changes over period of time is something that one has to accept.

The article written by the **RPT alumnus, who is the First Girl Gold medalist** of the Department to receive her Degree and Medal from the honorable PM of India is truly motivating and encouraging. How she has kept silent from the bullying words of her friends, classmates and finally topped the class to win the Gold medal is simply superb attitude & her hard work has paid the rewards. Wishing her remarkable success in her career and life.

The **Top Technology Trends of 2022, Unforgettable moments of MITians and the Teachers Day and Onam Day celebrations** are interesting pages to glance through. I would like to express my sincere thanks to all the editorial team and the readers for their motivating support and encouragement.

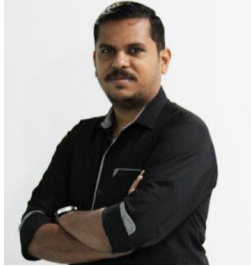
Yendrum Anbudan
Dr.K.Elamvazhuthi TNo 01602
Founder & Chief Editor



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(Volunteers are kindly requested to join the Editorial Team. Interested can mail to mitvirutcham@gmail.com)

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- Business Trends in Electronics and Instrumentation: **Mr.Sendilvel, T No: 39342**, Founder
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- Recent Trends in Manufacturing Sectors: **Mr. Ramakrishnan(Ramki), T No: 34428**,
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EDITORIAL TEAM...contd

(Volunteers are kindly requested to join the Editorial Team. Interested can mail to mitvirutcham@gmail.com)

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- New opportunities in Real Estate and Construction Businesses: **Mr. Abdul Kathar, TNo 07501**, Director– A.K. Properties, Chennai Mob: +91 89399 47080 & **Mr. Srinivasan, T No: 42224**, Founder & MD– Six Sigma Readymix Concrete Pvt Ltd., Chennai & Coimbatore. Mob: +91 89734 05000
- Highlights of MITAA in Parent Chapter and regional Chapters: **Mr. Ketharaman, TNo: 12510**(40th Batch MITian), American Mega Trends, Chennai
- Highlights of MIT Entrepreneurs Association- MITEA : **Mr. K. Saravanan, T No: 46432**, Founder & MD– Preipolar Engineering Pvt Ltd., Chennai. Mob: +91 98409 49939
- MIT Campus, Anna University Updates: **Dr. Neelavathi Pari, Asso Prof of CSE Dept, & Head EDC cell, MIT Campus, Anna University. Mob: +91 99628 27638**
- Achievements of MITians in Academics : **Mr. Thayanithi, TNo: 2011508026, RPT Dept, presently in KTH Royal Institute of Technology, Sweden**

STUDENTS EDITORIAL TEAM FROM THE DEPTS :

- Aeronautical Engineering :
- Automobile Engineering :
- Electronics & Communication Engineering :
- Electronics & Instrumentation Engineering :
- Production Engineering :
- Rubber & Plastics Technology
- Mechanical Engineering
- Mechatronics
- Data Science & Machine Learning :
- IOT & Artificial Intelligence :

Note: The interested Student volunteers from all the above departments in MIT (from 2nd, 3rd & 4th year) can contact the Chief Editor



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Highlights of MIT Entrepreneurs Association (MITEA)

The MITEA registered members organized half day event “ Guidelines for Internships, Placements and Entrepreneurship for MIT students” on the occasion of “ MIT Open Day” on 5th Sep 2022 at Conference Hall, Charless Babbage Block, MIT Campus.

 Regd No: 121 / 2020	MIT ENTREPRENEURS ASSOCIATION J/ O Galaxy Communication Service Pvt Ltd., No 18, Karpagam Avenue, 4 th Street, RA Puram, Chennai 600028 Email: miteachennai@gmail.com Whatsapp: +91 97890 74449 www.mitea.in	MITEA Members Physical Meet 05.09.2022 Monday 10.00 am
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The President, VP, Secretary, Jt Secretary, Treasurer and EC cordially invite you all to participate in Physical Meet at Conference Hall, **“ Charles Babbage Block” - MIT Campus on 05.09.2022, Monday From 10.00am**



Welcome to
MIT CAMPUS, ANNA UNIVERSITY
OPEN DAY 2022
 (Showcasing MIT's Academic, Research and Innovation Initiatives and contributions to the General Public)
 Chrompet, Chennai - 600 044
 Date : 05.09.2022
 Time : 10.00 a.m - 4.00 p.m
 Faculty Members, Staff Members & Students of MIT
 "செய்யும் அன்பு மிகச்சிறந்த தலைப்பாகும்; அன்பும் மிகவும் சிறந்த உணர்வாகும்"

Topic: “ Guidance to Placements, Internships & Entrepreneurship for MIT students”

Brief Agenda:

- 10.00 am : Invocation
- 10.02 am : Welcome Address by The Vice President, MITEA
- 10.05 am : About MITEA by The Secretary, MITEA
- 10.15 am : Address by The President, MITEA
- 10.45 am : Address by Individual Alumni & Alumni Entrepreneurs of MIT
- 12.00 Noon : Interactive Session - Students with MITEA members
- 01.00 Pm: Disperse for Lunch

All the Alumni Entrepreneurs, Alumni of MIT & all Entrepreneurs spread across the Globe and all the aspiring young entrepreneurs are cordially invited to participate & make the event a successful one.


Give your confirmation of Participation in advance.





Highlights of MITEA - Webinar 32 on 25.08.2022

MITEA organized a virtual webinar 32 on 25th August 2022. The speaker was Dr. Wyyuru Amarnath (B Tech Textile, ACTech, 1975 passed out) on the topic “ Innovation & Creativity to Succeed in Business”. Few highlights are here:




MITEA
MIT ENTREPRENEURS ASSOCIATION
Regd No: 121 / 2020

MITEA
Webinar
Presentation 32
25.08.2022
Thursday
06.30 pm
Zoom

MITEA
C/O Galaxy Communication Service Pvt Ltd.,
No 18, Karpagam Avenue, 4th Street, RA Puram,
Chennai 600028
Email: miteachennai@gmail.com
Whatsapp: +91 97890 74449 www.mitea.in

The President, VP, Secretary, Jt Secretary, Treasurer and EC
Members of MITEA cordially invite you all to participate in the Zoom webinar
Presentation (32) & Interactive Sessions on
25.08.2022, Thursday From 06.30 pm By

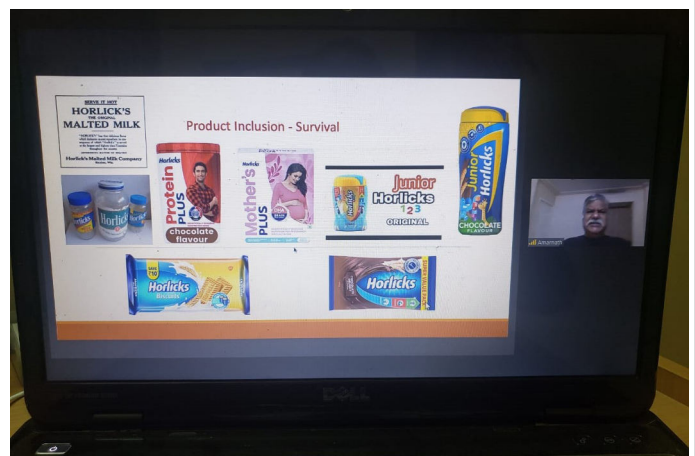
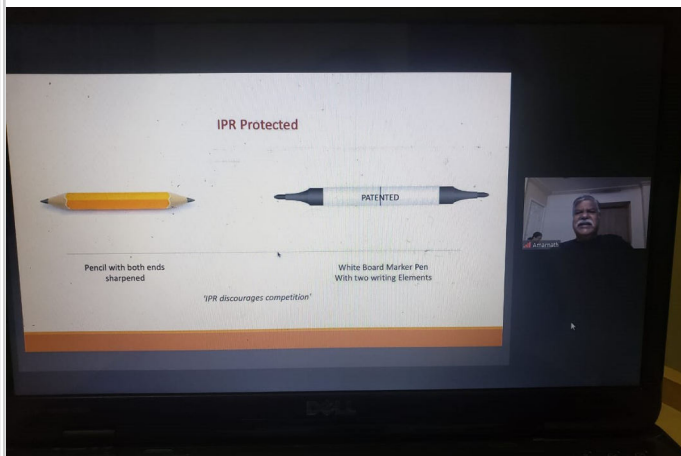
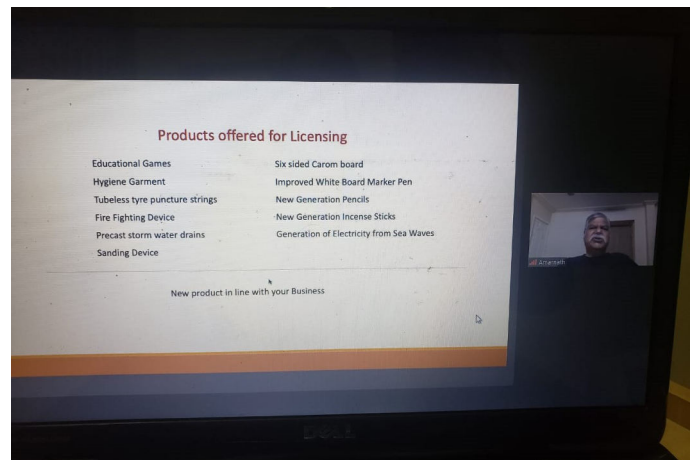
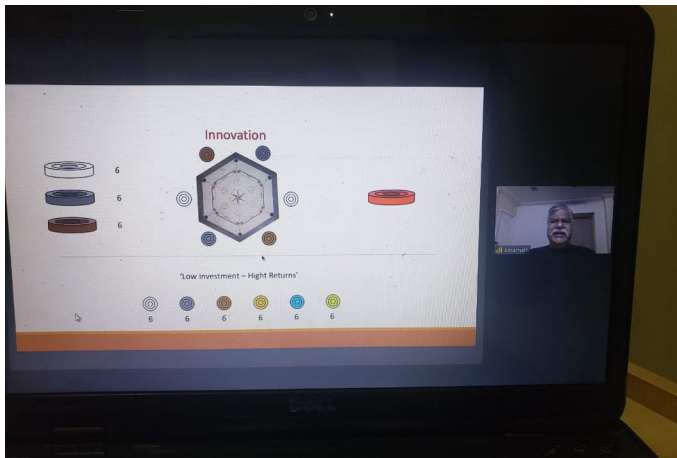
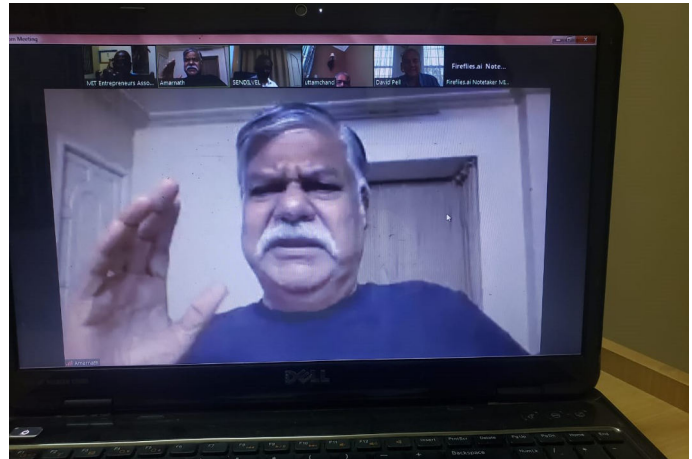


Dr. Wyyuru Amarnath
D.Sc., Institute of Innovative Design, Russia
B Tech (Textile Tech , AC Tech alumnus 1975)
MD, Sri Sankara Weaving Pvt Ltd., Chairman, Kwinox Toys & Games,
Founder, Sai Invent Consultancy, Chennai
Topic: “ Innovation & Creativity to Succeed in Business ”

Join Zoom Meeting by just clicking the link directly:
<https://us06web.zoom.us/j/2649504455?pwd=UjBfaTgwb3dUL25ST0VScmFMVHUT09>
or
Meeting ID: 264 950 4455
Passcode: MITEA

All the Alumni Entrepreneurs, Alumni of MIT & all Entrepreneurs spread across the
Globe and all the aspiring young entrepreneurs are cordially invited to participate &
make the event a successful one.
Give your confirmation of Participation in advance.

MITEA - MIT Entrepreneurs Association - Webinar Presentation (32) on : 25.08.2022 Thursday





News from the Media

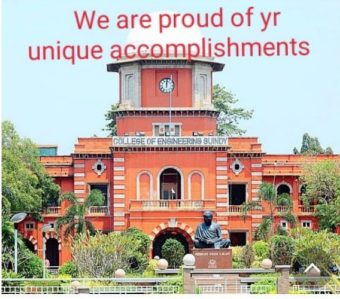
TAMIL NADU

Anna varsity among top 20 institutions in South, Southeast Asia doing research on groundwater

R. Sujatha

CHENNAI: SEPTEMBER 01, 2022 21:02 IST
UPDATED: SEPTEMBER 02, 2022 07:26 IST

Institution is second only to National Geophysical Research Institute



reviewed journal *Environmental Science and Pollution Research*, analysed 7,895 documents and found that India was the most productive country in the specific field.

The researchers said keywords such as groundwater quality, availability, suitability, recharge and management were increasingly cropping up in the documents they studied. When it came to international collaboration, researchers preferred their counterparts in the US.

"An increasing trend for studies from developing countries like China and India have been witnessed in the last decade.

The authors' calculation of h-index to evaluate the research performance of an author, institute and the country found that Elango L. of Anna University had the highest output with 75 articles and a h-index of around 25. Prof. Elango is the h of the Department of Geology. Last year list of top 2% scientists in 2020 in their of specialisation by Stanford University had included Prof. Elango and R. Velraj, Vice-Chancellor.

Prof. Elango said he had begun writing

A study of trends in groundwater research in South and Southeast Asian countries in the past five decades has found that Anna University with 207 articles ranks second.

The National Geophysical Research Institute with 245 articles has been ranked first. The Indian Institute of Technology, Kharagpur, with 174 articles, comes third.

The study by researchers from the Indian Institute of Technology Bombay, on "Trends in groundwater research development in the South and Southeast Asian Countries: a 50-year bibliometric analysis (1970-2020)" found that it is only recently that developing countries had been writing about groundwater and the various issues pertaining to its overuse, recharge and contamination.

Researchers Meeta Gupta and Pennan Chinnaamy, whose article has been published in the international peer-reviewed journal *Environmental Science and Pollution Research*, analysed 7,895



தற்போது

புதிய தலைமுறை

#JUSTIN

"பேராசிரியர்களுக்கு மன அழுத்தம் ஏற்படுத்தக்கூடாது"

பேராசிரியர்களுக்கு மன அழுத்தம் ஏற்படுத்தக் கூடாது;
பேராசிரியர்களின் அசல் சான்றிதழ்களை எக்காரணம்
கொண்டும் கைப்பற்றக் கூடாது
பேராசிரியர்கள் தேர்வு, நியமனம், ஊதியம் ஆகியவற்றில்
வெளிப்படை தன்மையை பின்பற்ற வேண்டும்
- தனியார் பொறியியல் கல்லூரிகளுக்கு உரிய அறிவுறுத்தல் வழங்க
அண்ணா பல்கலைக்கழகத்திற்கு தொழில்நுட்பக் கல்வி இயக்குநரகம் உத்தரவு

எம்.ஐ.டி. தமிழ் மன்றம் சார்பில் சொல் விளையாட்டு, திருக்குறள் போட்டி

சென்னை, செப்.8-
எம்.ஐ.டி வளாகத்தின் திறந்த நாள், ஆசிரியர் தினத்தன்று மிகச்சிறப்பாக நடைபெற்றது. பள்ளி, கல்லூரி மாணவ, மாணவிகள் மற்றும் பொதுமக்கள் பெருமளவில் ஆர்வத்துடன் பங்கேற்றனர்.

எம்.ஐ.டி தமிழ் மன்றம் சார்பில் தமிழ் மொழியினை வளர்க்கும் வகையில் ஒரு அரங்கம் மிக சிறப்பாக அமைக்கப்பட்டிருந்தது. பழமொழி கண்டுபிடிக்கும் போட்டி, சொல் விளையாட்டு, திருக்குறள் போட்டி ஆகியவற்றில் ஏராளமான மாணவ மாணவிகள் ஆர்வத்துடன் கலந்து கொண்டனர்.

பல்கலைக்கழக கலாச்சார குழுவினரின் தமிழ் மேடை நாடக பங்கேற்புகள் குறித்த நிகழ்வுகள் மிக சிறப்பாக கண்காட்சி படுத்தப்பட்டிருந்தது. துணை

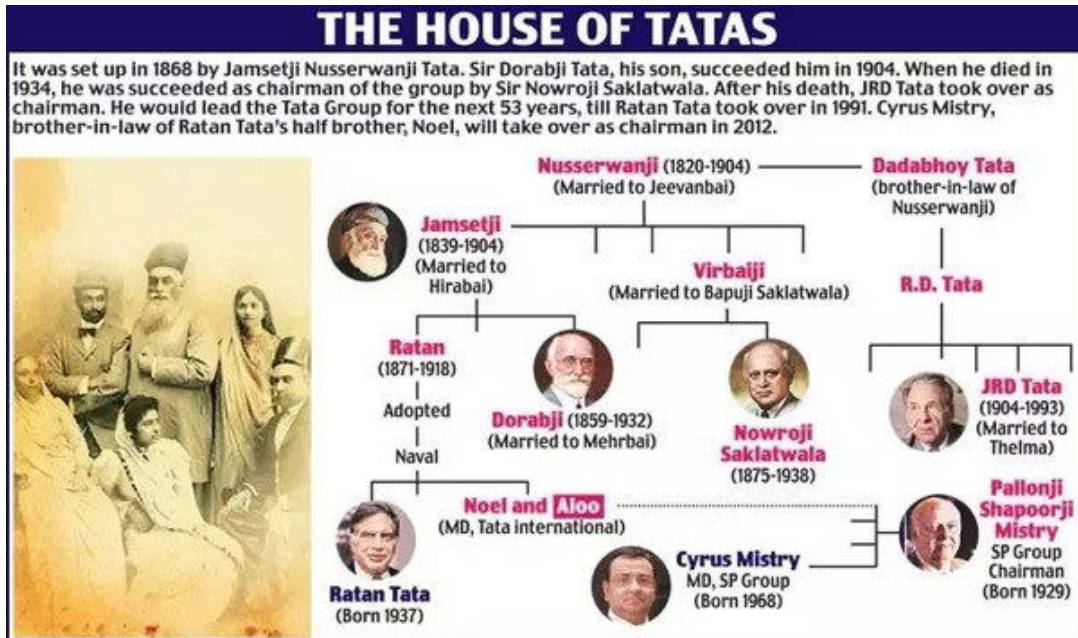


வேந்தர் ஆர்.வேல்ராஜ் நிகழ்ச்சிகளை தொடக்கி வைத்து அனைத்து அரங்கங்களுக்கும் நேரில் சென்று மாணவர்களை ஊக்கப்படுத்தினார். எம்.ஐ.டி வளாக புலத்தலைவர் டாக்டர் ஜே.பிரகாஷ் நிகழ்ச்சிகளை

ஒருங்கிணைத்தார். தமிழ் மன்ற அரங்கத்தில் பல்கலைக்கழக முன்னாள் உதவி நூலகர் ஜி.சிவசுமாரின் புத்தக வடிவிலான மூன்று நாடகங்களை வெளியிட்டார்.



The house of TATAS



Wah Taj Wah!

This story makes me feel very proud of the Taj Mahal Hotel, Mumbai.

I want to share an experience at the Taj Mahal Hotel which taught me a lot on customer centricity.

Many many years ago, soon after

we had got married, Shruti, and I along with a friend of Shruti went for a late night movie at the Regal Cinema.

After the movie, as was our practice in those days, the three of us went to 'Shamiana', the Coffee Shop of the Taj, for a meal.

The meal was over and we were presented with the bill, and I gave the waiter my credit card. A couple of minutes later, I saw the waiter in a discussion with the manager, and they kept glancing at us. Soon after the bill came, I signed the bill and left.

Next evening, at around 6 PM I got a call. It was the waiter who had served us the previous evening. He had called up to say that the credit card I had presented the previous evening was not valid as it had expired, and he very politely requested me to settle the bill preferably cheque, if not cash.

I immediately checked and found that he was right, having received my replacement card, I had forgotten to destroy the invalid card, and had inadvertently used it the previous night. As my office was just down the road from the Taj, I agreed to settle the bill the next day when I went to work, but out of curiosity I asked him why did he not tell me all this when I was present in the hotel.

His reply floored me.

He said "since you were with two ladies I did not want to embarrass you. I recognised you as a regular patron so I took the decision of settling the bill with the manager. I told the manager if the bill was not settled within two days, then I would pay from my salary."

I could not believe what I had heard.

When I settled the bill, I wanted to give him a handsome tip. It was very politely and firmly refused.

This is what makes Taj the Taj.... This happened much before, almost 20 years before the terrorist attacks took place. This has been the culture there for over 100 years.

This is why the Taj is an icon, and will remain an icon.



The first Gold Medalist of RPT Dept to receive the Degree & Medal from the Honorable PM of India...Miss. R. Monica, 2021 batch.

I graduated from Madras Institute of Technology with a Bachelor of Technology in Rubber and Plastics Technology on 29-07-2022 at Anna University. My college life started with a shock. On my counseling day, I was asked Why I took RPT course despite scoring high cut off marks which shook me. The same gesture was given to me whenever I introduced my course in MIT. My confidence level dropped. I was even isolated just coz of a thought that RPT students are not high scorers and poor in communication.

As soon as I entered the department, everything started changing. My professors with amazing teaching skills gave me an inquisitive attitude and their friendly approach motivated me to ask my doubts as it will be cleared on the spot. I can proudly say that my professors are the best in their main subjects and they were very much sure that the entire subject knowledge has been transferred to us. I also remember that if any student was facing financial crisis or personal issues, my department will come first and help them to overcome the problem. That sort of dept's helping attitude has helped many students to pursue their education smoothly without any hurdles.

And I faced another bitter incident. I wasn't promoted to first round and removed during filtration process of 2 companies just because of my higher my percentage. I was teased and mocked because of this multiple times. But God had some other plan to teach me a lesson. A sudden announcement of PM awarding the Gold Medalists aired. The moment I received the award from PM, I understood every hard work will be recognized and rewarded though it seems not to be initially. All my disappointments due to teasing have vanished away.

Receiving my gold medal from our honorable PM and Tamil Nadu CM in the presence of other dignitaries and officials feels surreal. My career journey started as a GET in TPI Composites where, currently working as a Quality Engineer with dreams of achieving many more milestones further.

I would like to summarize few points. Don't underestimate anyone because of appearance, background or by any other means. Everyone here is talented and has stuff. Don't tease others. If teasing someone coz of getting low marks is not fair, then the same is applicable to the one who scored higher and rejected by companies for the same. At last, every department is unique in their own way. Rubber and Plastics Technology course has diversified career options such as Job, Higher studies, Research and Entrepreneurship where Versatile roles are available.



The first Gold Medalist of RPT Dept to receive the Degree & Medal from the Honorable PM of India...Miss. R. Monica, 2021 batch...contd

I sincerely dedicate this award to my parents who trusted me and stood behind me as a pillar, while my relations' daughters were married off at early age. My biggest achievement was seeing my parents eyes filled with tears and pride when I received the award from our honourable PM. I would like to express my gratitude to all my professors Dr. B. Kothandaraman, Dr N Natchimuthu Dr V. Subramanyam, Dr L S Jeyakumari, Mr. Sheik Mohamed, Mrs Meenakshi, Miss Archana for their renderless efforts. Without them it would have been impossible. I would like to express my sincere thanks to MIT. I feel extremely proud to be one of the alumni as it not only helped me to enhance my subject knowledge, broaden my skills but also gave me a beautiful relationship called Senior. Every student of MIT would have had Snr's help in some or the other way and it will be continued. I would also like to thank my first batch senior Dr. K. Elamvazhuthi for his constant encouragement and this opportunity.

Finally, I thank my friends and family members who had been a huge support system at all phases.



Congratulations....





How to Pick your Stock - Part 5



INTRODUCTION TO STOCK MARKET

HOW TO PICK YOUR STOCK - PART 5

-RAJESH VEDHAMURTHY - HIKEON TECHNOLOGIES PRIVATE LIMITED

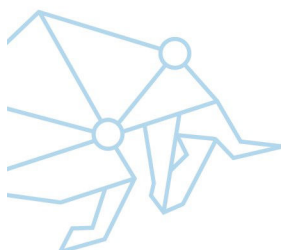
In this article we will study about what are Indicators and few examples of Indicators used in Technical Analysis.

WHAT ARE TECHNICAL INDICATORS

Technical indicators are used [to see past trends and anticipate future moves](#). They are nothing but mathematical computations plotted as lines on a price chart that aid traders in identifying certain signs and trends in the stock market. They are simply a set of tools applied to a trading chart to demystify the market and make a clearer analysis.

MOVING AVERAGE (MA)

The moving average, also known as Simple Moving Average, is a price trend indicator that balances the price data by providing regular updates of the average price. The MA indicator plots a trend line, thereby wiping out any noise by random price surges. Below is a simple strategy using moving average.





How to Pick your Stock - Part 5...contd



MA's help traders identify trends and form a key part of their trading methods. If the current price is above a moving average, it signals that long bets should be considered; however, if the price action is below the moving average, it implies that you can consider short bets.

Using moving averages to identify which side of the market to trade on any specific day may be a quick and straightforward approach. There is no guarantee when it comes to using technical indicators in financial markets. Moving averages, however, may be extremely effective as a trading method when coupled with other trading indicators. Moving averages also act as good support and resistance. Below is a simple strategy using moving average

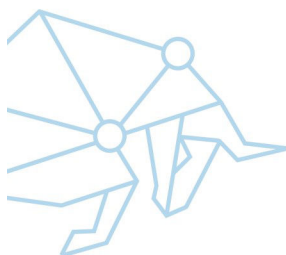
Moving averages also act as good support and resistance.

MOVING AVERAGE CONVERGENCE DIVERGENCE (MACD)

MACD detects changes in momentum by comparing two moving averages. Levels of support and resistance can help spot possible buy and sell opportunities.

When two moving averages diverge, they are said to be convergent; when they converge, they are said to be divergent. This implies that momentum is decreasing when moving averages are converging, but increases when moving averages are diverging.

This is a type of oscillating technical analysis indicator that swings inside a band over time (above and below a centerline; the MACD fluctuates above and below zero. The MACD indicator can be used for both trend-following and momentum purposes. The MACD lines must be above zero for an extended period to indicate that the stock is likely to increase.





How to Pick your Stock - Part 5...contd



WHAT IS THE RELATIVE STRENGTH INDEX?

When it comes to overbought and oversold stocks, the big question is not 'if' but 'when'. The timing of your entry and exit is what matters as it can allow you to either realize profits or losses. The Relative Strength Index answers the question of ideal entry and exit points for investors.

The Relative Strength Index (RSI) is another oscillating indicator that traders use to assess market momentum, market conditions, and warning signs for potentially hazardous price changes. Its value spans from 0 to 100. An oscillator helps the trader to identify whether the particular stock or contract is overbought or oversold. Generally, an asset reaching the 70 levels is considered to be overbought, whereas an asset around the 30 levels is considered to be oversold by the market.



How to Pick your Stock - Part 5...contd



Happy Investing !!!!

Disclaimer: We are not SEBI registered advisors, Please consult your financial advisor before making any investments.





The IPO of Tata Steel...By SVS

The year, 1906. Jamsetji Tata, founder of the Tata group, had passed away two years earlier. His dream of providing India its first integrated steel plant was still work in progress. One big challenge ahead - significant capital would have to be raised.

Jamsetji's son, Dorabji Tata, had now taken over as Chairman. He went to England trying to raise capital for the proposed steel plant. However, English capitalists were wary of sending their money into India. Dorabji Tata returned, utterly disappointed. Would the steel project have to be abandoned, for lack of capital?

Dorabji decided that to ensure the steel venture took birth, he would raise the funds in India itself. This was a very bold decision. Such large sums of money had never before been raised domestically, for an Indian venture. Many people predicted failure. And failure would have impacted the Tata group hugely.

But Dorabji's belief in his country took over. He was determined to do this for India, and he worked ceaselessly to make the case for investment in Tata Steel. Then, on 27th August 1907 (which was also his birthday), he launched in Mumbai a formal prospectus for raising capital for the Tata Iron & Steel Company (see picture below).

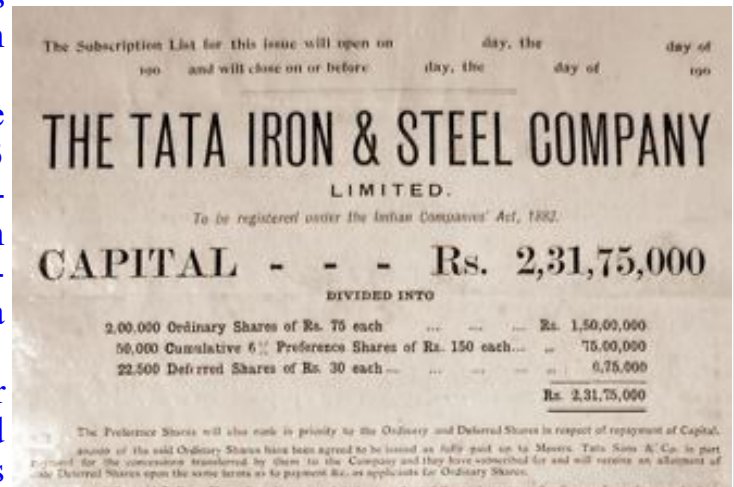
This was a milestone day for India - an IPO for the largest start-up of the day. The first of its kind in the country. Would it succeed?

Led by Dorabji's energetic efforts, the response from Indians was electrifying. An observer wrote - "From early morning till late at night, the Tata offices in Bombay were besieged by an eager crowd of native investors. Old and young, rich and poor, men and women, they came, offering their mite...". Indians who believed in their country, placing trust in an Indian enterprise.

Within three weeks, over 8,000 people had subscribed to this issue, and over Rs. 23 million had been raised. This was an unbelievable sum of money being raised in Indian capital markets at that time. India's first major IPO for an industrial enterprise had been a splendid success !

Later, Dorabji Tata was to write - "For the first time in India's financial history, I had succeeded in raising for industrial purposes such a vast sum from the hidden wealth of India for the development of our mineral resources. It was the first time that the raw materials of India did not go out and return as finished articles to be sold in the country. Above all, it was a purely Swadeshi enterprise, financed by Swadeshi money and managed by Swadeshi brains."

On 27th August, 2022 we marked the 163rd birth anniversary of Sir Dorabji Tata, the man who made this happen. When we speak of IPOs today, let us hark back to this path-breaking swadeshi IPO of Tata Steel, 115 years ago. An act of courage by a legendary leader, based on the belief that we Indians have in our own country.





Points to Ponder

The top technology trends of 2022

1



Applied AI

2



Advanced connectivity

3



Future of bioengineering

4



Future of clean energy

5



Future of mobility

6



Web3

7



Future of sustainable consumption

8



Cloud and edge computing

9



Industrializing machine learning

10



Immersive reality technologies

11



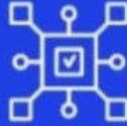
Trust architectures and digital identity

12



Future of space technologies

13



Quantum technologies

14



Next-generation software development

McKinsey
& Company



The Great Teacher turned Entrepreneur...Prof.S. Renganathan

Prof. S. Renganathan



A good teacher can teach you something that you will remember for a day, but a great teacher will teach you something that you will remember for the rest of your life. Truly Prof. S. Ranganathan is a great teacher! He taught us Control Systems, Process Instrumentation & Computer Science.

“Should you put hard work in the next three years, you will be happy for the next 30+ years of your career!” was his opening advice for us in the class.

He is too good in establishing a functional relationship between variables in Process Instrumentation class. This habit enabled him to define Career Success as a function of Knowledge + Skill + Attitude with 20%, 20%, 60% weightage respectively.

We enjoyed his Process Instrumentation class very much as he gave thumb rules for many characteristics, such as temperature vs mV characteristic of K-Type Thermocouples is $40 \mu\text{V} / ^\circ\text{C}$.

Process Control was taught by Prof. Santhanam & I was not clear about derivative action in PID Controller. When I consulted Prof. SR he smiled & asked me to imagine that I am driving my scooter at 60 KM /hr speed in a straight road & see a dog crossing the road 20 m ahead. Now he asked me to describe my reaction. I told I will apply the break. He continued what you will do after seeing the dog crossing the road. I told I will leave the break & increase the acceleration. He told that is exactly the derivative action. Then I never forgot derivative action.

It didn't matter what our mood was before we walked into his classroom, because he always brought smile to our faces. He demonstrated kindness and patience to each and every student in his class.

Another important thing that he had taught us was to believe in ourselves. When a teacher believed in you, you cannot help but work even harder, which only leads to success. I believe that throughout the rest of my life, I am demonstrating the same great qualities that I found in him.

He used to flash many golden motivating messages during face to face discussions such as

- Success swells your head & failure weakens your heart, when you fail to learn from them!
- For a person of confidence all roads lead to Success. For a person of hard work, Success follows him on all roads.
- Every single problem that we face in our life is the seed of opportunity for some greater benefits.



The Great Teacher turned Entrepreneur, Prof.S. Renganathan...contd

- One small crack does not mean that you are broken; it means that you were put to the test and you didn't fall apart.
- Just breathe! You're strong enough to handle your challenges, wise enough to find a solution to your problems, and adequately capable of doing whatever needs to be done.

He has been an exemplary role model, and has taught me to have many strong traits.

Even after leaving MIT, I kept in touch with Prof. SR to enjoy the positivity spread by him. Few of the memorable interactions I had with him after leaving MIT could be summarized as below:

- In early 1991 IEEE Madras Section requested me to deliver a talk in one of their seminars. At that time I had visited & signed a MoU with Samsung, South Korea for Transfer of Technology to make UPSS up to 1000 KVA in India. As this subject was fresh in my memory, I preferred to talk on 'Power Devices in Higher KVA UPS'. Before me in that seminar Prof. SR delivered a great talk on "Transducers Application." He appreciated my talk.
- In middle 2000, I had an opportunity to talk on 'Evolution of Electronics' at MIT in the Inter College Program organized by ISA. Prof SR was the Chairman of ISA South India Chapter & he presided over this function. He encouraged my talk freely.
- In April 2003, I had an opportunity to participate in a Seminar organized by ISA South India Edison at Pondicherry & I delivered a talk on 'Virtual Instrumentation.' I understood Prof. SR recommended my name for this topic.
- In middle 1996, Prof.SR delivered a talk at a Seminar on "Neural Network" at CSIR, Madras Complex. I shared the same dais for delivering my talk on 'Fuzzy Based PID Controller'
- In 2008 at CDAC, Trivandrum in ASTeC seminar I delivered a talk on 'Infection Point in Industrial Automation.' Prof. SR was the Session Chairman & Keynote Speaker for one of the Technical Sessions.
- I was truly humbled when I was asked to be the Chief Guest for one of the functions in Rrase Engineering College in July, 2018 by Prof. SR. He was quick to recognize talent and to make use of all available opportunities to elevate his meritorious students to the strong positions. He derived great satisfaction in that act.

When he was guiding one of his PhD students in an ambitious project for developing Boiler Performance Simulation Software, he gladly involved me to get the Boiler Design Data from BHEL & the Boiler Performance Data from NLC. I arranged the design data through my BHEL colleague & performance data from my MIT classmate Mr. T. Narayanan of NLC.

Prof. SR has truly played different memorable roles in my career – as Teacher, as Coach & as Mentor.

Time goes so fast! Life demands so much! No wonder great persons who helped me so dearly during my formative years get out of touch as time gallops! But in the heart deep memories stay forever, refreshing happy bygone moments that we had shared!

S. Sridharan (T.No: 24434)



" இராவணன் லட்சுமணனுக்கு அருளிய உபதேசம் "

ராமன் செலுத்திய அம்பில் காயம்பட்டு குற்றுயிராய்க் கிடந்த ராவணனிடம் உயிர் பிரியாமல் இருந்தது.

அப்போது ராமர் லட்சுமணனை பார்த்து லட்சுமணா ராவணன் அனைத்துக் கலைகளையும் அறிந்தவன் ராஜதந்திரம் மிக்கவன். நமக்கு அவனுடைய அரசியல் அனுபவம் மிகவும் பயனுள்ளதாயிருக்கும். நீ அவனிடம் போய் நான் கேட்டதாகக் கூறி அவனுடைய சிறந்த அறிவுரைகளைப் பெற்று வா என்று கூறி அனுப்பினார்.

லட்சுமணன் பவ்யமாக ராவணனின் காலடியில் நின்று இலங்கேஸ்வரா உன்னுடைய ஞானம் உன்னோடு அழிந்துவிடக்கூடாது. நீ எனக்கு உபதேசிப்பதன் மூலம் அதை இந்த உலகம் அறிந்து பயன் பெறும் எனவே எனக்கு

உபதேசியுங்கள் என்று வேண்டி நின்றான்.

லட்சுமணனை சிரித்துக் கொண்டே வரவேற்ற ராவணன், ராமர் தன்னிடத்தில் வைத்திருக்கும் மதிப்பு அறிந்து மகிழ்வுடன் தன் அறிவுரைகளைச் சொன்னான்.

லட்சுமணா ஒரு காலத்தில் சர்வ வல்லமை படைத்தவனாக நான் இருந்தேன். நவக்கிரகங்களும் எமனும் இந்திரனும் கூட எனக்குக் கீழ்ப்படிந்தனர். அப்போது நான் எண்ணியது என்ன தெரியுமா?

நாட்டில் அனைவரும் சொர்க்கம் செல்ல வேண்டும். நரகம் யாருக்கும் இல்லையென உத்தரவு பிறப்பிக்க வேண்டும். ஒரு பறக்கும் ஏணி அனைவரையும் ஏற்றிச் செல்ல எமனைக் கொண்டே உருவாக்கப்பட வேண்டும் என்பதே. ஆனால் இந்த நல்ல எண்ணத்தைச் செயல்படுத்தாமல் தள்ளிப் போட்டேன். அதன் விளைவாகவே இன்று நான் அவதிப்பட்டேன்.

சூர்ப்பனகை வந்து சீதாதேவி அழகின் சிகரம். அவள் உனக்கு ஏற்றவள் என்று கூறியதும் உடனே அந்தச் செயலை தள்ளிப் போடாமல் புறப்பட்டேன். விளைவு அனைவருக்கும் நாசம்.



"இராவணன் லட்சுமணனுக்கு அருளிய உபதேசம் "

...contd

அதனால் நான் முக்கியமாகச் சொல்ல விரும்புவது.

1. நல்ல செயலை உடனடியாக செய்து முடி அது பலன் தரும்.
2. தீய செயலைத் தள்ளிப் போடு. தள்ளிப்போடுவதால் அந்த தீய செயல் நடைபெறாமல் இருக்க வாய்ப்புண்டு.
3. உன் சாரதியிடமோ வாயிற்காப்போனிடமோ சகோதரனிடமோ பகை கொள்ளாதே உடனிருந்தே கொல்வார்கள்.
4. தொடர்ந்து நீ வெற்றிவாகை சூடினாலும் எப்போதும் வெல்வோம் என்று எண்ணாதே.
5. உன் குற்றங்களை சுட்டிக் காட்டும் நண்பனை நம்பு.
6. நான் அனுமனை சிறியவன் என்று எடை போட்டது போல் எதிரியை எப்போதும் எளியவன் என்று எடைபோட்டுவிடாதே.
7. வானின் நட்சத்திரங்களை வளைக்க முடியும் என்று நம்பாதே. அவை நம் வழிகாட்டிகள்.
8. பொறுமையைவிட மேலான தவமுமில்லை.
9. திருப்தியை விட மேலான இன்பமுமில்லை.
10. இரக்கத்தை விட உயர்ந்த அறமுமில்லை.
11. மன்னித்தலை விட ஆற்றல் மிக்க ஆயுதமில்லை என்று சொல்லி முடித்தான் ராவணன்.

லட்சுமணன் ராவணனை வணங்கி உபதேசங்களை பெற்றுக் கொண்டான்.





..Best Friend...

ஒரு சிறுவன் ஒரு சிறுமியிடம் சொன்னான்: நான் உன் BF என்று.

சிறுமி கேட்டாள்..... "BF என்றால் என்ன...?"

சிறுவன் சிரித்துவிட்டு பதிலளித்தான் "உனது சிறந்த நண்பன்"

(Best friend)

அவர்கள் பின்னர் காதலிக்கும் போது, அந்த இளைஞன் யுவதியிடம் கூறினான்.... "நான் உன் BF..." என்று

அவள் அவன் தோளில் லேசாக சாய்ந்து கொண்டு வெட்கத்துடன் கேட்டாள்:

"BF என்றால் என்ன...?" அவன் பதிலளித்தான்: "இது பாய் ஃப்ரெண்ட்..."

(Boy friend)

சில வருடங்கள் கழித்து அவர்கள் திருமணம் செய்து கொண்டார்கள், அழகான குழந்தைகளைப் பெற்றெடுத்தார்கள், கணவர் மீண்டும் புன்னகைத்து தனது மனைவியிடம் கூறினார்:

"நான் உன் BF..." என்று மனைவி மெதுவாக கணவனிடம் கேட்டாள்:

"BF என்றால் என்ன...?"

கணவர் அழகான மற்றும் மகிழ்ச்சியான குழந்தைகளைப் பார்த்து பதிலளித்தார்:

"குழந்தையின் அப்பா தான்..." (Baby's father)

அவர்களுக்கு வயதாகிய போது ஒருநாள் அவர்கள் ஒன்றாக அமர்ந்து முன் சூரிய அஸ்தமனத்தைப் பார்க்கிறார்கள், அவர் தனது மனைவியிடம் கூறுகிறார்: அன்பே... "நான் உனது BF.." என்று

கிழிவி முகத்தில் சுருக்கங்களுடன் சிரித்தாள்:

"BF என்றால் என்ன...?" முதியவர் மகிழ்ச்சியுடன் புன்னகைத்து ஒரு மர்மமான பதிலைக் கூறினார்....."என்றைக்கும் உன்னுடன்" (Be forever)

இறக்கும் தருவாயில் மனைவியிடம் மீண்டும் கூறினார்

"நான் உமது BF..." என்று வயதான மனைவி சோகமான குரலில் கேட்டாள்.....!!

"BF என்றால் என்ன...??" முதியவர் பதிலளித்தார்....

"மீண்டு வரேன் bye" (Bye for ever)

கொஞ்ச நாள் கழித்து அந்த மூதாட்டியும் இறந்து போனார். கண்களை மூடுவதற்கு முன், வயதான பெண்மணி முதியவரின் கல்லறையில் கிசுகிசுத்தாள் BF என்று.....! "என்றும் உம் அருகில்"... (Beside for ever)...

வாழ்க்கையின் வெவ்வேறு கட்டங்களில் ஒரே வார்த்தையின் அர்த்தம் எப்படி மாறுகிறது...!! ஏற்றுக்கொள்ளத்தான் வேண்டும்!!



New Registered members of MITEA... Joined from 15th Aug 2022 to 14th Sep 2022

Mr. S. Saravanan
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Financial Solutions, Chennai**
Mob: +91 94440 55430
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**MIT Entrepreneurs Association
Membership Drive**
www.mitea.in

Join MITEA

MIT Alumni who are Entrepreneurs / Business Owners are eligible to become a

Registered member of MITEA

Membership Benefits :

- Network with more than 150 MIT Alumni Entrepreneurs,
- Access to MITEA Portal to collaborate on B2B Opportunities among 75+ Registered members
- Free admission to all MITEA Events, webinars etc

Membership Fees:

Regular Member	- Rs. 5000/-
Life Member	- Rs. 25,000/-
Corporate Member	- Rs. 50,000/-



Pay membership Fees via
NEFT to the following Bank Account:
Name: MIT Entrepreneurs Association
Bank: Axis Bank, Anna Salai, Chennai
Ac Number: 921010031516818
IFSC Code : UTIB0000168

Please visit our website at www.mitea.in for more details





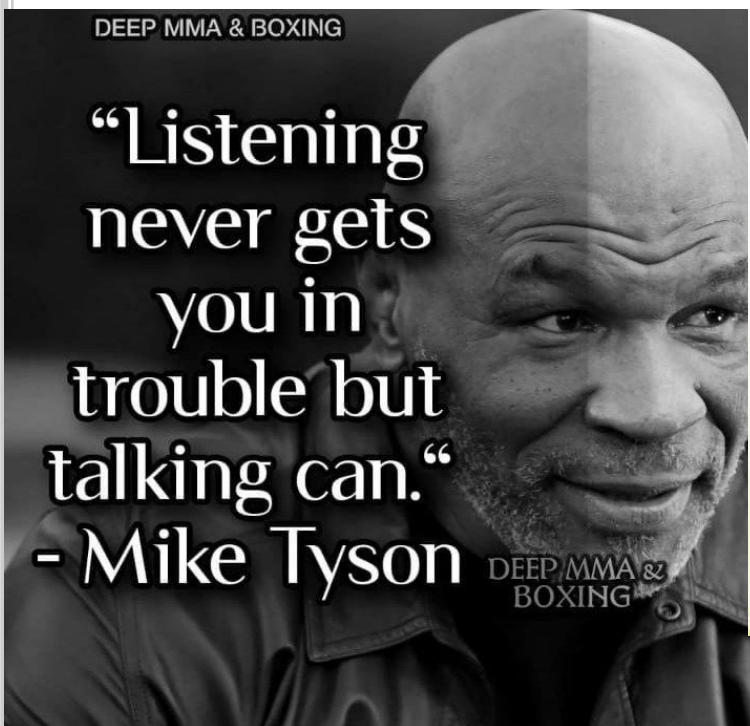
Management related... .

Creative Writing Contest for the Readers.

Topic: “The latest Generation students are lacking in Communication skills : how to improve their skills right from school days”.... Suggest ways and means to implement the same ”.

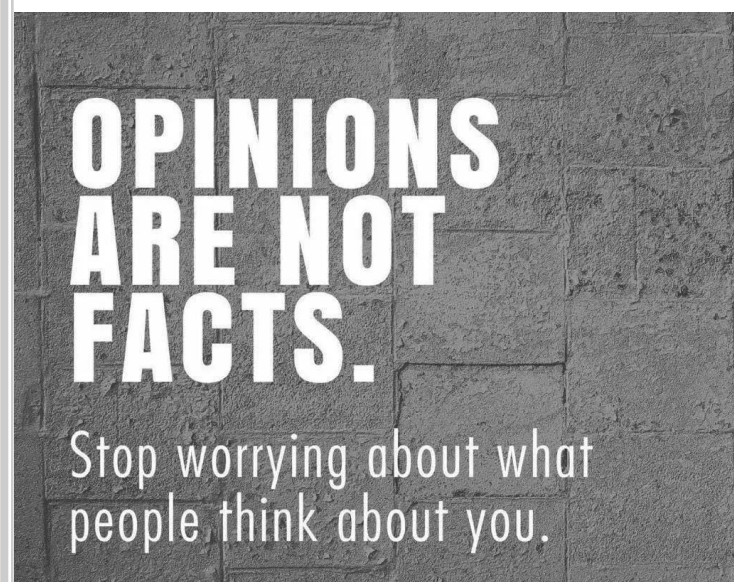
The Best article will be published in Volume 02 - 10th Publish (14th October 2022), of the E Magazine. Their company's one page advertisement will be published free in the issue.

The article has to be sent to :
mitvirutcham@gmail.com



“Do everything with a good heart and expect nothing in return, and you will never be disappointed.”

-Barbara Lowe





Unforgettable moments ...

* MITEA EC Member Mr. Edhaya-chandran, TNo 46207, Co Founder & Director, Crown Tech Surface Treatment P Ltd has opened their new factory in Sriperumpudur. All the EC team of MITEA attended the inaugural function on 01.09.2022.



Few highlights are shared herewith





Unforgettable moments ...contd



* MITians who are the alumni of Jamal Mohammed College, Trichy were honoured on 15th August in their campus.

Dr. E. Govindarajan, TNo: 22059, Founder CMD, Pentagram Research Centre Pvt Ltd., Hyderabad and Mr. Abdul Kathar, TNo 07501, Founder Director

Pranam Leathers, Chennai are all Jamalians as well.

Few highlights are shared herewith



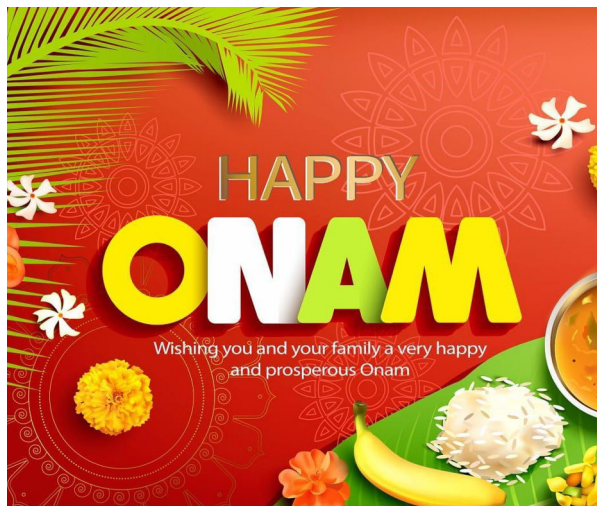
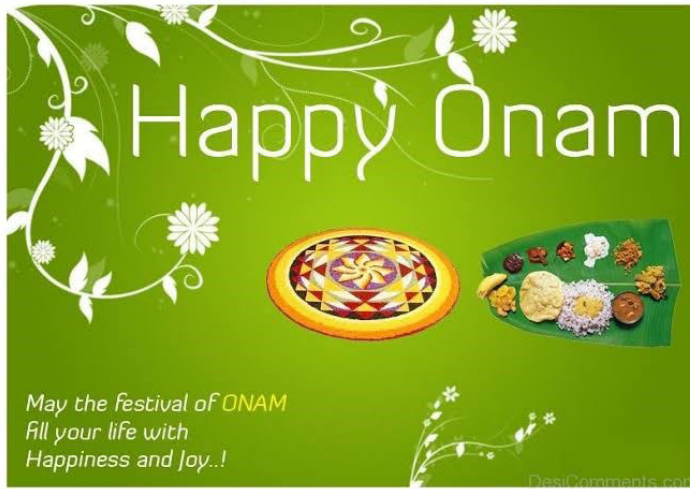


Happy Teachers' Day...





Happy Onam Celebrations...8th Sep 2022





Advertisement for Entrepreneurs of MIT



Advertisement for Promotion of MITians' Companies, Products & Services

The Alumni of MIT are hereby informed to give advertisement for their companies products and services in the E Magazine on chargeable basis. The terms and conditions for the same are mentioned below:

* The advt will be displayed in the E Magazine for all the 12 issues from the month of releasing the advt.

- The contents shall be mailed by the Alumnus or the readers who are interested to advertise.

to the Chief Editor of the E Magazine

- The charges for placing the advertisement by any

Alumnus of MIT from any part of the Globe is **USD 150 or in INR 10,000/-** for one year (12 issues) from the month of placing the advt.

- The advt will be one full page in the E Magazine.
- * The contents are subject to editing by the Editorial Team Members.
- The advt contents shall be given on or before 10th of every month for the issue to be released on 14th of Every month.
- For any clarifications, pl contact the Chief Editor in his Email ID and his mobile number : **+91 97906 17957** Email: **mitvirutcham@gmail.com**



To all my senior group members-
Wishing you good health & happy life.



Let's keep the memories of all the people who sacrificed their lives for our country alive. I wish you a

Happy Independence Day