



MITians BUSINESS UPDATES

Monthly E-Magazine Publish-5 14-05-2021 Vol 1

Young Growing & Inspiring Entrepreneurs of MIT

The Icons who are the pillars for boosting the GDP of the Nation





Dr.K.Elamvazhuthi
Founder & Chief Editor

The fifth issue of the E-Magazine is being released on the day of Ramzan, 14th May 2021. It's a celebration time and wish everyone to celebrate safely with utmost care as the second wave of Covid is spreading vigorously in the society without sparing anyone, rich or poor and VVIPs or ordinary men. The election verdict has been revealed on 2nd May and the TN has elected a new Chief Minister with lots of vision and plans to bring Transformations to the state and he has assumed his office on 7th May 2021. Amidst the current scenario, he and his team of highly

intellectual ministers have got foremost priority to bring normal living atmosphere in the society as the people are very much scared and couldn't predict when the Covid fear will come to an end. We all have an obligations to try our best to bring under the control the spread of hidden virus in the society.

The TN Government has taken extreme measures of imposing the lockdown from 10th May to 24th May to contain the spread of the virus and it's a good move and let's support the exercise wholeheartedly. The issue has a lot of new interesting messages, articles, Creative writing Contest, Management Cartoons, anecdotes, and the editorial team has taken the best efforts to compile the same. The highlight of the issue is the cover page article about the "Young MIT Entrepreneurs who are the pillars of India for sustaining the Business Growth and Economy". Only random selection has been made amidst the list of younger generation entrepreneurs. We need to motivate all the young alumni of MIT and the present younger generations to think differently and take up a new route of Entrepreneurship boldly and create enormous employment opportunities and create a nation with surplus job offers.

In this issue, we have included the feedback received from the readers of the E Magazines and also participants of the webinars. We encourage more such motivating remarks from the fellow alumni of MIT and the readers of the E Magazines. Wish and hope that, the contents are very interesting and inspiring and solicit the feedback from the readers to improvise on it.

Endrum Anbudan,
Dr K.Elamvazhuthi

Founder & Chief Editor
TNo 01602

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Highlights of MITAA in parent chapter and regional Chapters - Mr. Ketharaman,

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Highlights of MIT Entrepreneurs Association- MITEA - Mr K. Saravanan,

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Publish 05 14.05.2021 Vol 01

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Webinar 10 Presentation on 16-04-2021, Some of the pictures taken during the Presentation are being shared herewith.



MIT ENTREPRENEURS ASSOCIATION
 .C/ O Galaxy Communication Service Pvt Ltd.,
 No 18, Karpagam Avenue, 4th Street, RA Puram,
 Chennai 600028

MITEA
WEBINAR 10
16.04.2021 Friday

President, VP, Secretary, Treasurer & EC Member of MITEA cordially invite you all to participate in free Webinar 10 on, **16-04-2021, Friday from 7:00 pm to 8:00 pm.**

Google Meet joining info, <https://meet.google.com/jxp-rsqu-ouw>



Dr. Rajarathnam Nallusamy

TNo 34114, Founder & CEO, Embnology Solutions Limited, Bangalore

Topic - Inspection and Repair of pressure shafts Kadamparai Hydroelectric power plant.

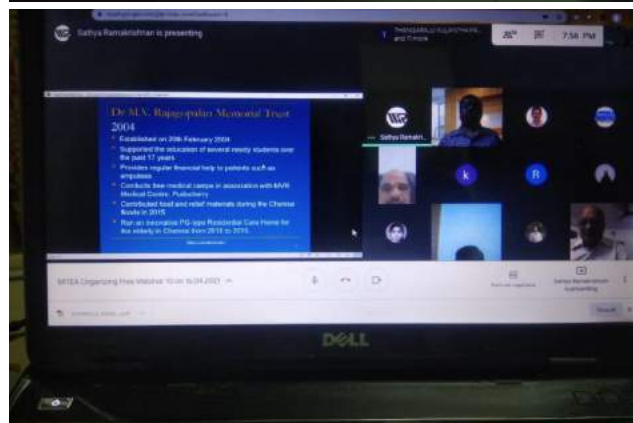
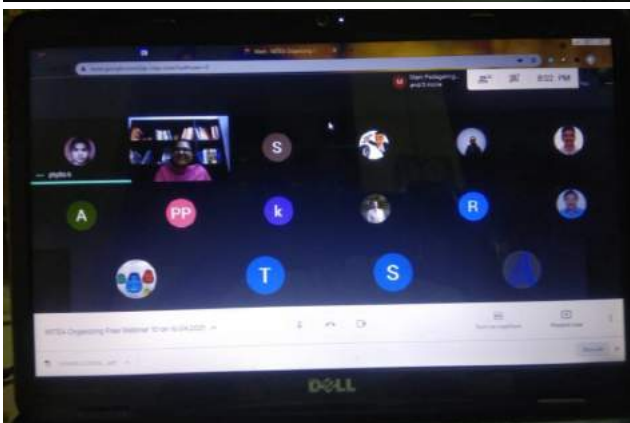
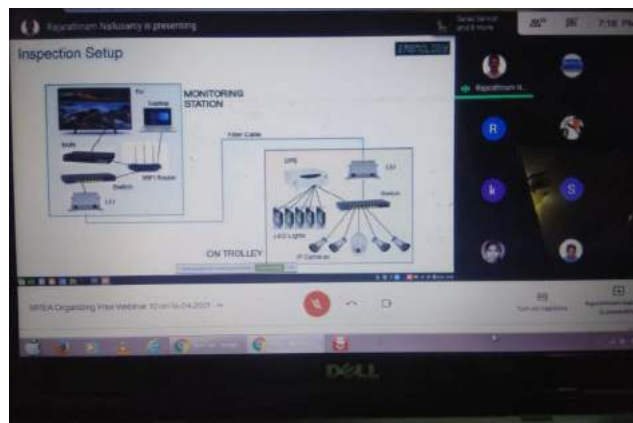
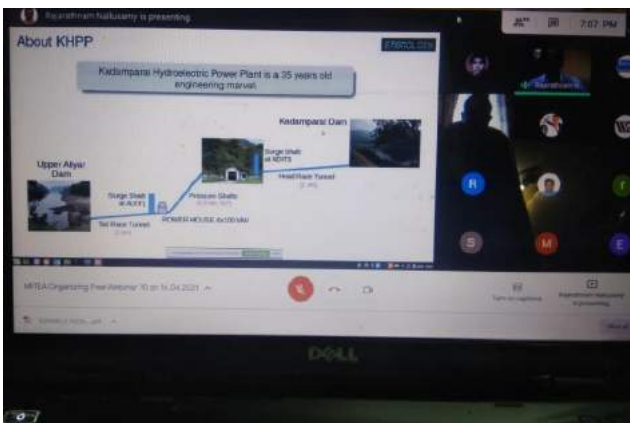


Mrs. Sathya Ramakrishnan

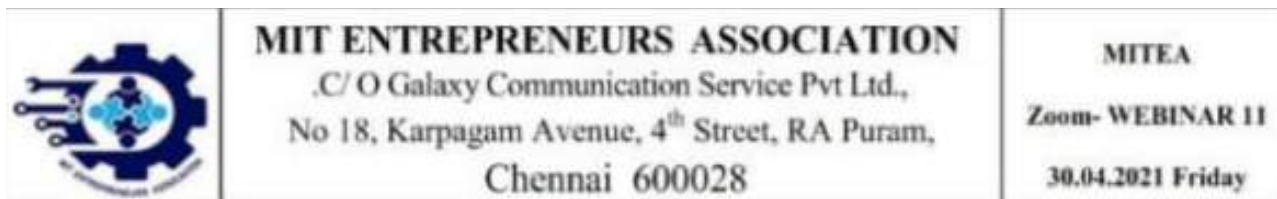
TNo 38343, Proprietress, MVR Consulting Services

Partner, Sugantha and Company, Chennai

Topic - The Social Entrepreneur



Webinar 11 Presentation on 30-04-2021, Friday. Some of the pictures taken during the Presentation are being shared herewith.



President, VP, Secretary, Treasurer & EC Member of MITEA cordially invite you all to participate in free Webinar 11 on, **30-04-2021, Friday from 7:00 pm to 8:00 pm.**

Zoom Meet joining info, **Meeting ID 993 927 6381, Passcode MITEA**

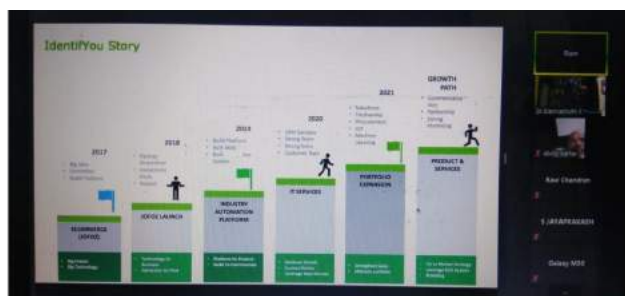
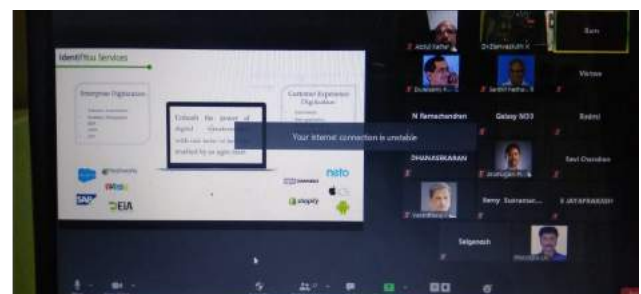


Mr. Satheesh Setharaman

Founder & CEO, IdentifYou Technologies, Madurai.

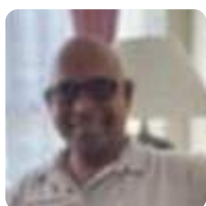
TNo 17522 (45th batch MITian)

Topic - IdentifYou Technologies and Exciting Journey



Co-Founders, The Kalathur Farms

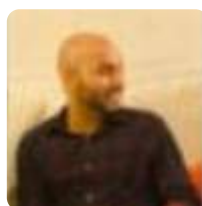
Topic - Success Story of the Kalathur Farms venture



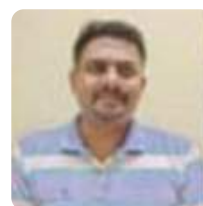
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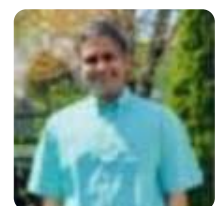
Kasi



Ramesh- 50430



Senthil - 50439



Sri - 50442

The 2nd Presentation by “The Kalathur Farms” couldn't be organized due to one of the speakers succumbed to Covid Illness on the same day. Hence postponed.



Ms. Ranjani Kodugante

Managing Partner, Hi-Tech Plastics Pvt Ltd, Chennai.

T No 2012508021, 25th Batch RPT Alumnus, Graduated in B Tech RPT in 2016. She is the 2nd generation Entrepreneur and did her Masters in Engineering from CEG, Anna University.

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Mr. Nivas Ranjan Bose

Founder CEO of Zvata Studios Gaming Company, Chennai.

T No 20043119, Graduated from MIT in B Tech Auto in 2008, His spouse is Ms. Vindhyanjana Ramani is also a MITian graduated in B Tech CSE in 2008. She is the Co-founder of the company. Nivas worked for Hyundai and Vindhya worked for Oracle for 3 years after MIT. Then both of them did their MBA in the USA and returned to India to start their entrepreneurial journey.



Mr. Karthikeyan T

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Ms. Sushmitha Anbuselvan

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T No 20033116, Graduated from MIT in B Tech Auto in 2008. Started his career with ACC Cement company and then with Talentsprint Pvt Ltd. He ventured into entrepreneurship in 2018. Doing Skill development training for the Engineering students in TN, AP, TS, KL & KA.

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Founder Director of Zvata Studios Gaming Company, Chennai.

T No 20043768, Graduated from MIT in B Tech CSE in 2008. Her spouse Mr. Nivas Ranjan Bose is also an MITian graduated in B Tech Auto in 2008. He is the Co founder of the company. Nivas worked for Hyundai and Vindhya worked for Oracle for 3 years after MIT. Then both of them did their MBA in USA and returned to India to start their entrepreneurial journey.

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**Mr. Dinesh Ramkumar**

TNo 2012507060, Graduated from MIT in B Tech Production in 2016.

He has ventured successfully into automobile manufacturing (www.broachingindia.com), automotive retail (www.dinomotorcycles.com), and also most recently into Raptee Energy (www.rapteeenergy.com).

He did a master's in Indl Engg at Purdue University, USA.

His proud parents are also MITians and Entrepreneurs. Dr. R.Venkatasamy (TNo 37235) & Mrs.Saraswathy (TNo 39212).

**Mr. Stanley Moses Sathianthan**

Co founder & Director for Datapattern LLC

51st Batch, Graduated from MIT in B Tech Instrumentation in 2002.

Focused to convert industrial digital transformation vision to reality.

He was the GE Digital Leader for the Industrial Internet Consortium.

He is an advisor for www.aintelsys.com in Saudi.

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T No 50430, Graduated from MIT in B Tech Instrumentation in 2001. He is the Co-Founder of The Kalathur Farms, a company founded by a team of four MITians to produce organic Food products and serve the society.

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Mr. S Venkata Subramanian
 Founder & CMD,
 M2M Scada Solutions

S Venkata Subramanyam (T 1439), known popularly as SVS, is the Founder, CMD of M2M SCADA SOLUTIONS P Ltd, Hyderabad an Internet of Things (IoT) device manufacturing unit, set up in the year 2010. This unit provides IoT devices and solutions for the Energy Sector in the country. Devices and Solutions provided include Electricity Substation Equipment Condition monitoring units, Distribution Transformer operational data transfer to cloud server, Data Analytics, and Artificial Intelligence. The unit's customers are drawn from Electricity Generation, Transmission, and Distribution sector units; besides Nonconventional energy units such as Solar, Windmill, Hydropower plants, DG users, and SmartGrid projects. This unit also provides solutions for porting HMI, PLC, and SCADA data to the cloud. The unit's private sector customers include Tata Steel, Toshiba, IPCL, etc. The unit has exported these devices to the UK.

SVS is also the promoter Director of IBot Controls Inc, headed by his son, providing IOT devices and solutions. This unit based out of the USA, has its Design & Development unit at Hyderabad while manufacturing is done in China and customers are from the USA and Europe. The unit has its marketing office at Zurich, Switzerland. Customers include many multinationals such as pharma major Rosche, Nestle, Elon Musk, Liebherr, Unilever and others. S Venkata Subramanyam (T 1439) had, after graduating from MIT in 1965, joined Union Company Motors, a subsidiary of Standard Motors, manufacturers of Herald Cars and Standard 20 trucks.

At Union Company, Mount Road, he joined their Industrial Engineering Department, to serve with IBCONS, a management consulting firm. The service with Union Company was very brief, about a year only. During this period his colleagues were classmates Krishnamoorthy, Adimoolam and Narayanan and seniors Raman and Balagopal. This brief stay of a year laid the foundation for future career.

By Mid June 1966, SVS, joined the National Productivity Council (NPC) and did a post-graduation course of a year duration in Industrial Engineering. Later he served NPC and its affiliate local productivity councils as Industrial Engineering Consultant. This period between June 1967 and Dec 1971, saw him handling variety of projects on productivity improvement in Textile, Sugar, Cement, Engg, Pharma and other industries. The companies served include Meenakshi Mills, Dalmia Cements, Kothari Sugars, BHEL, Best & Crompton, APSRTC and over a dozen other units.

In Dec 1971, SVS, received Carl Duisberg Gescellschaft (a German Govt agency), scholarship to specialize in Production Management in West Germany. During his stay in Germany, SVS served BMW Car Company in Munich and later returned to India. On returning to India, SVS was engaged by BHEL Hyderabad to be Productivity Consultant for their switch gear manufacturing unit. Until 1980, he served BHEL, HAL, ECIL, Govt of AP and number of private sector units as Management Consultant.

It was after a full 15 years, after leaving MIT that SVS began his life as an entrepreneur in the year 1980. His first venture, Jaatham Fabrics Limited, was in collaboration with a German Company to manufacture NonWoven Fabrics. SVS was the first in the country to manufacture technical textiles. The fabrics manufactured were utilized to produce Anti-Corrosion Tapes that were

used to protect buried pipelines from corrosion. The firm’s customers were Indian Oil Company, Tuticorin and other ports, NTPC, Chemical & Fertilizer Companies and others. This unit continued to function and expand until 2010, when it was sold off.

During the same period from 1980, SVS, not only continued to serve as Management Consultant, but also become consultant on entrepreneurship. SVS was consultant to Govt of AP for promoting SSI units all over Andhra Pradesh. He, in addition assisted several entrepreneurs in setting up of high tech ventures in manufacturing, some with technological collaboration with German Units. In the year 2000, SVS, started his first Software Unit, as a joint venture with PASS IT Consulting GMBH, Germany. This unit provides IT services to the banking sector, mostly housed out of Frankfurt Germany. The development unit is located at Hyderabad.

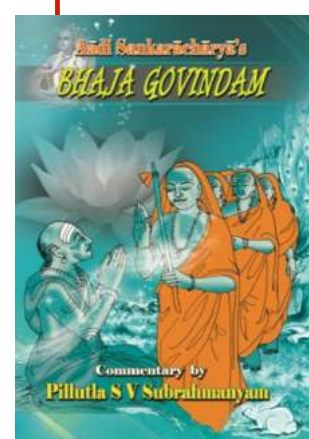
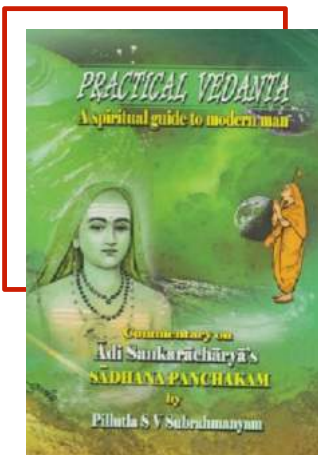
In the year 2005, SVS started his second software unit, MobileOne Infocom P Ltd that offered mobility solutions to SAP users. Customers included Tata Chemicals, Eureka Forbes and others. This unit was sold off to an American Company in the year 2011. SVS, continued his academic pursuits too. He was,

- Visiting Professor, Management, Osmania University, Hyderabad
- Director, PG studies in Industrial Engineering & Management, JNT University, HYD
- Chairman, Indian Institution of Industrial Engineers.
- President, ICFAI (Inst of Financial Analysts of India)
- Director, CMIT, an Indo-German University Student Exchange Centre.

Between 2000 and 2019, for a full decade, SVS, was actively engaged in the exchange of German and Swiss university students of computer science and business information system with the IT students of Indian Universities.

During this period over 100 German students were received and given practical training in IT in several software and other units in India. Indian students numbering over 300 specialized in Business Information system, especially SAP in German Universities and are eventually employed in Australia, Europe and the USA. SVS is a writer too. He had contributed articles to the ECONOMIC TIMES and THE HINDU in the area of Management.

SVS is a keen student of Yoga, Vedanta and Upanishads. He has written books on Yoga Sutras of Patanjali, Commentaries on Adi Sankra’s works Bhaja Govindam and Saadana Panchakam, Commentaries on several Upanishads such as Chandogya Upanishad, Mandukya Upanishad and Prasna Upanishad.



MITEA - MIT Entrepreneurs Association President, Dr. Ramesh Prabha, Founder CMD, Galaxy Group of Companies, met our new Chief Minister of TN at his residence on 10th May 2021 and presented him with the books authored by him.

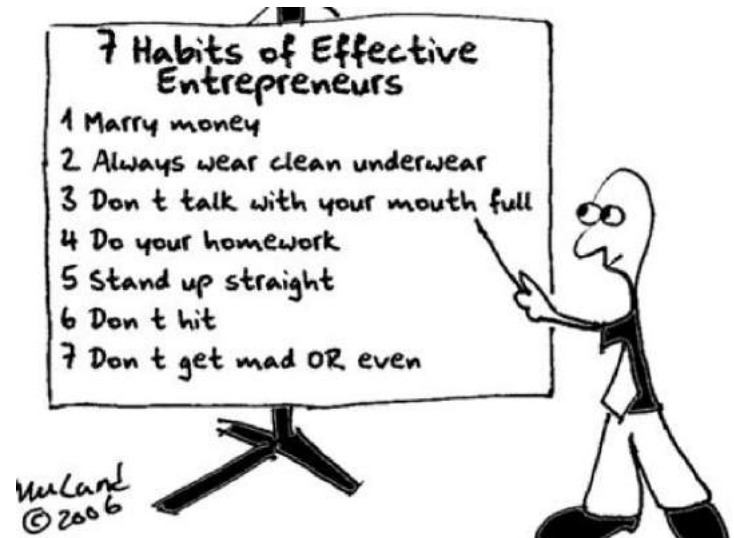


P. T. R. Palanivel Thiagarajan
Finance Minister of Tamil Nadu

Highly Competent New Tamil Nadu Finance Minister: Hoping to bring positive developments to Existing and New Businesses through strategic Financial Planning

P. T. R. Palanivel Thiagarajan is an Indian politician and is the Finance Minister of Tamil Nadu from May 7th 2021. He is the son of the late P. T. R. Palanivel Rajan, also a politician. His grandfather, P. T. Rajan, was the Chief Minister of Madras Presidency from 4 April 1936, to 24 August 1936. He was also the last President of the Justice Party. He was elected to the Tamil Nadu Legislative Assembly election in 2016 and 2021 from Madurai Central.

He graduated in Chemical Engineering from the prestigious National Institute Of Technology, Trichy, and then studied MS, Operations Research and Ph.D, Human Factors Engineering / Engineering Psychology at the State University Of New York, Buffalo. He then completed his Master Of Business Administration in Financial Management at MIT Sloan School Of Management. He began his career in 1990 as an independent consultant in Operations and Systems Improvement. He joined Lehman Brothers Holdings Inc. in 2001 as Trader and Co-Portfolio Manager - Firm Relationship Loan Portfolio. He quit Lehman Brothers Holdings Inc. as Head Of Offshore Capital Markets in the year 2008. He then worked for Standard Chartered Bank, Singapore in the Global Capital Markets division. He quit Standard Chartered Bank as Managing Director, Financial Markets Sales in the year 2014. The right person and Right place, a Challenging role is assigned to a proficient person. Soon TN will come out of all financial crisis.



ENTREPRENEUR SUCCESS FACTORS



CREATIVE WRITING CONTEST FOR THE READERS

Why Indian middle-class family does not encourage aspiring entrepreneurs?

The Best article will be published in the 6th Issue (14th June 2021) of the E-Magazine. Their company's one-page advertisement will be published free in the issue. The article has to be sent to: drkelamvazhuthi@gmail.com



Let entrepreneurs list obstacles and discouragement they faced from family members and friends before they started the business venture

T No 02610, Sharing her college days memories



Mrs. Sandhya. R. Nair
The First Girl Student
of RT Dept of MIT,



Sandhya .R.Nair,TNo.02610,2nd batch RT

2 messages

Sandhya Baiju <sandhyabaiju30@gmail.com>
To: "drkelamvazhuthi@gmail.com" <drkelamvazhuthi@gmail.com>

Wed, Apr 28, 2021 at 5:34 PM

I am sandhya .R.Nair,T.No.02610 ,managing partner of Chef Noushad Restaurant ,Farwaniya,Kuwait .
I worked in 6 companies as technologist and finally become an entrepreneur .we started this 3 years back.because of covid 19,we changed business strategies and promoting catering services .
Kerala is full of rubber plantations .even frm childhood ,iam familiar with latex and rubber trees .this influenced me to become a rubber technologist .
Prf.K.R.Sheshadri was my mentor in MIT.he made me bold and confident to face personal and carrier life challenges.
Dance was my extracurricular activity in college .I performed dance in ladies hostel and college functions .
When i came to MIT,during the ragging period ,seniors asked me to rag one senior student .i asked him"do you fall in love with anybody ?".i still remember that moment .
I took studies in an easy way in the 1st semester which gave me arrears .these arrears haunted me till 5th semester middle .i regretted for that later because i was not able to enjoy college life till i clear all papers .
After 29 years while iam looking back ,iam thankful to MIT for the qualities it gave me and the dedicated professors.professor Narayanan,placement officer and professor K.R.Sheshadri.
MIT was wonderful .it moulded me in suchway to get respect from people with whom you are working
I learnt so many things from students of MIT.Abdul kalam sir become a roleodel for me.prestigious college gave me dignity in society .even now iam looking at my classmates and seniors to know how they are managing things .
Regards
Sandhya
iam attaching the photo of my restaurant .





On the border between Tamilnadu and erstwhile Andhra , lies the temple town of Thiruthani, one of the six named abodes of Lord Muruga. Krishnamurthy Ella was born in 1969, in an agricultural family to middle class parents.No one could have imagined his trajectory.

Perhaps because of his background, Krishna wanted to study agriculture. His father wasn't pleased - he told his son "Nobody becomes a farmer by just studying agriculture" . Unfazed, Krishna joined University of Agricultural sciences in Bangalore. His passion and hard work earned him a gold medal. Unlike "ordinary" gold medalists, he wasn't content to get a job. Nevertheless he supported himself after undergrad by working briefly in the agricultural division of Bayer Pharma. He longed for more. He got a rotary scholarship which enabled him to move to the US, to do his PhD in University of Wisconsin. The scholarship was the wind under his wings. There was no looking back. His specialty was molecular biology. While in the US, he met Suchitra, an economics graduate and married her.

Average Indians in US would dream of a green card for themselves. Dr Krishna dreamt for millions of people - freedom from diseases. His solution - low cost vaccine for neglected diseases. He wanted his dreams to become reality in India. He started Bharat Biotech in Hyderabad in the newly formed Genome Valley. The first product was caesium free Hepatitis B vaccine - the first in the world. His work caught the attention of Bill & Melinda Gates foundation whose funds enabled Bharat Biotech to develop Rotavirus vaccine and conjugate Typhoid vaccine - again for the first time in the world.

It took 16 long years to make the rotavirus vaccine a reality. The vaccine costs 85 dollars in the western world, but Krishna had brought its price down to an astounding 1 dollar ! The vaccines are available in 70 countries and Dr Krishna and team have 140 patents to their name. Then covid happened.

The race for the vaccine started. The virus was new. No one knew what would work for sure - and everyone was hedging bets. Meanwhile, Adar Poonawalla, the billionaire CEO of the world's largest vaccine manufacturing company was in talks with Oxford and Astra for manufacturing an adenovirus vaccine. Half a dozen companies from India tried, but realistically our collective fate depended on these two men. They couldn't have been more different. Poonawalla was a born billionaire, young and dashing, dressed in immaculate tuxedos, driving luxury cars, and flying private jets to London. Krishna was a scientist from a family of farmers, a salt of the earth man who had risen through sheer hard work and grit. The global race to develop a vaccine had many approaches simultaneously. It's a little like betting on many horses at the same time. Krishna realized that the vaccines should not just be safe and effective, but also practical. That meant no difficult storage conditions

So mRNA vaccines were out. The adenovirus vaccines trick the body into believing that it has infection by sending just the spike protein the virus uses to enter the cell. The immune system once primed, remembers this and when the real virus attacks, is able to protect us.

There was one glitch - the protection wasn't full, at least in the early stages when they tested in chimpanzees. Krishna toyed with the idea of modified rabies virus as a vector, but it didn't work out. His projects with University of Wisconsin, his alma mater and Thomas Jefferson Institute too didn't yield much results. When the rest of the world went for cutting edge mRNA tech, Dr Krishna decided to go the retro route. Sometimes, old is gold. And he struck gold with the killed virus vaccine, developed in association with ICMR.

It had to be tested though - initially in mice and guineapigs and then in humans. There were numerous struggles in phase 1 and 2 trials. This was a race against time. Corona was killing people. The previous vaccine had taken long years of research. Will covaxin work? Will it be safe? Were the foremost questions in everyone's mind. With the help of India's virologists, they shortened the testing phase. They gave the vaccine to volunteers and in 28 days - their blood sample was taken. It was tested in a high biosafety lab with the deadly virus. If the vaccine had worked, the antibodies in the blood sample, would neutralize the virus and there won't be any growth. To their ecstasy, the vaccine worked brilliantly. At long last, he had developed a vaccine that was made in India, but for the world. Covaxin was born.

Amazingly, Krishna Ella had achieved this without a single rupee from the government. There were further struggles ahead - in human testing. The pandemic had created a virtual Babel of tongues, magnified a million times by social media - with every Tom, Dick and Harry raising doubts about the vaccine in every stage. Indian regulatory authorities were sane for once - they expedited the process. To their ecstasy, the vaccine worked brilliantly. At long last, he had developed a vaccine that was made in India, but for the world. Covaxin was born.

In the 60s, President Kennedy announced that America will put a man on the moon within a decade - even though no one knew how. It came to be known as the "moonshot". Covaxin is India's moonshot moment or perhaps a "coroshot" moment, achieved not in a decade, but within one year. It's our own success in the war against an invisible foe. The fruits of this victory, will be shared - with the poorest of countries. They say, seeing is believing. Great men reverse this adage. They believe with such intensity that they bring to life and see what they believe. Believing is seeing.

As I write this, I remember Soorarai Potru, a Tamil movie that chronicles the tale of a man who dreamed of the skies. Dr Krishna Ella's story is even more audacious. It's a story how a farmer's son from Thirutani became a scientist and rose up to the biggest challenge of our lifetime. It's also the story of how India metamorphosed from a bystander to a vaccine superpower.



India's First and Largest
Phase 3 Efficacy trial
with 25,800 participants
included in the trial.



| | | |
|---|--------------|---------------------|
| <p>RT PCR report CT (Cycle Threshold): In value, RT PCR report Ct (cycle threshold) is evaluated to understand the viral load and infectiousness. Lower the value higher is the viral load</p> | Score | Viral load |
| | 17-24 | High viral load |
| | 24-35 | Moderate viral load |
| | >35 | Mild viral load |

| <p>HRCT Chest</p> <p>CT Severity Score</p> <table border="1"> <thead> <tr> <th>Score</th> <th>CT severity</th> </tr> </thead> <tbody> <tr> <td><8</td> <td>Mild</td> </tr> <tr> <td>9-15</td> <td>Moderate</td> </tr> <tr> <td>>15</td> <td>Severe</td> </tr> </tbody> </table> | Score | CT severity | <8 | Mild | 9-15 | Moderate | >15 | Severe | <p>CO-RADS score: Level of suspicion for COVID-19</p> <table border="1"> <thead> <tr> <th>CO-RADS</th> <th>Level</th> </tr> </thead> <tbody> <tr> <td>CO-RADS 1</td> <td>No</td> </tr> <tr> <td>CO-RADS 2</td> <td>Low</td> </tr> <tr> <td>CO-RADS 3</td> <td>Intermediate</td> </tr> <tr> <td>CO-RADS 4</td> <td>High</td> </tr> <tr> <td>CO-RADS 5</td> <td>Very High</td> </tr> <tr> <td>CO-RADS 6</td> <td>Very High with PCR+</td> </tr> </tbody> </table> | CO-RADS | Level | CO-RADS 1 | No | CO-RADS 2 | Low | CO-RADS 3 | Intermediate | CO-RADS 4 | High | CO-RADS 5 | Very High | CO-RADS 6 | Very High with PCR+ |
|---|---------------------|-------------|----|------|------|----------|-----|--------|--|---------|-------|-----------|----|-----------|-----|-----------|--------------|-----------|------|-----------|-----------|-----------|---------------------|
| | Score | CT severity | | | | | | | | | | | | | | | | | | | | | |
| <8 | Mild | | | | | | | | | | | | | | | | | | | | | | |
| 9-15 | Moderate | | | | | | | | | | | | | | | | | | | | | | |
| >15 | Severe | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS | Level | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 1 | No | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 2 | Low | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 3 | Intermediate | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 4 | High | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 5 | Very High | | | | | | | | | | | | | | | | | | | | | | |
| CO-RADS 6 | Very High with PCR+ | | | | | | | | | | | | | | | | | | | | | | |

| CRP (mg/dl) | Severity of inflammation |
|-------------|--------------------------|
| 0-6 | Normal |
| <26 | Mild |
| 26-100 | Moderate |
| >100 | Severe |

| D dimer (Micro gram/ml) | Severity of inflammation |
|-------------------------|--------------------------|
| <0.5 | Normal |
| <1 | Mild |
| >1 | Moderate-severe |

| IL6 (pg/ml) | Severity of inflammation |
|-------------|--------------------------|
| 0-7 | Normal |
| <15 | Mild |
| 15-100 | Moderate |
| 100-500 | Severe |
| >500 | Critical |

| |
|--|
| <p>Neutrophil to Lymphocyte ration (NLR) <3.5-Mild >3.5-Moderate-severe</p> |
|--|

- Antibody Tests**
- 1) Specific: SARS COV2 Anti Spike Protein Antibody Test-15 required for protection
 - 2) General:SARS COV2 IgG Antibody Test

VERY USEFUL THAT HOW YOU CAN STUDY COVID PARAMETERS

If you have COVID-19 symptoms

CONSULT WITH A DOCTOR & GET TESTED

**Symptoms: fever, sore throat, cough, breathing difficulty, headache, body aches, loss of smell or taste*



Check oxygen level (with pulse oximeter) 3-4 times/day



Wear a mask and have your family wear a mask to protect everyone



Open windows for ventilation



Stay (Isolate) at home and rest



Stay hydrated



Fever medicines (Paracetamol, Acetaminophen)

If oxygen level is 92% or more



Fever medicines (Paracetamol, Acetaminophen)



Stay hydrated



Lie on your stomach as tolerated, to improve lung oxygenation



Inhaled budesonide (steroid) - two puffs, twice daily (1600 mcg/day in total) until symptoms improve*

Remdesivir May shorten duration of symptoms **but does not decrease the risk of death from COVID-19**. Should **only** be given with physician supervision, early in patients with low blood oxygen level.

Tocilizumab Should **only** be given with physician supervision in severely ill patients (rapidly increasing oxygen requirements) admitted to the hospital on steroids.

Treatments that are NOT routinely advised* Ivermectin, Hydroxychloroquine, Convalescent Plasma, Vitamin C & D, Zinc, Baricitinib, Itolizumab, Bevacizumab, Lopinavir-Ritonavir, Favipiravir, Fluvoxamine, Interferon alpha-2b, Azithromycin, Doxycycline or other antibiotics

If oxygen level is less than 92%

CONSULT WITH A DOCTOR & SEEK HOSPITAL CARE

The following are proven treatments recommended under medical supervision



Lie on your stomach



Use oxygen



Monitor oxygen level 4-6 times/day



Dexamethasone* (steroid) 6mg orally, once daily, for 5-10 days

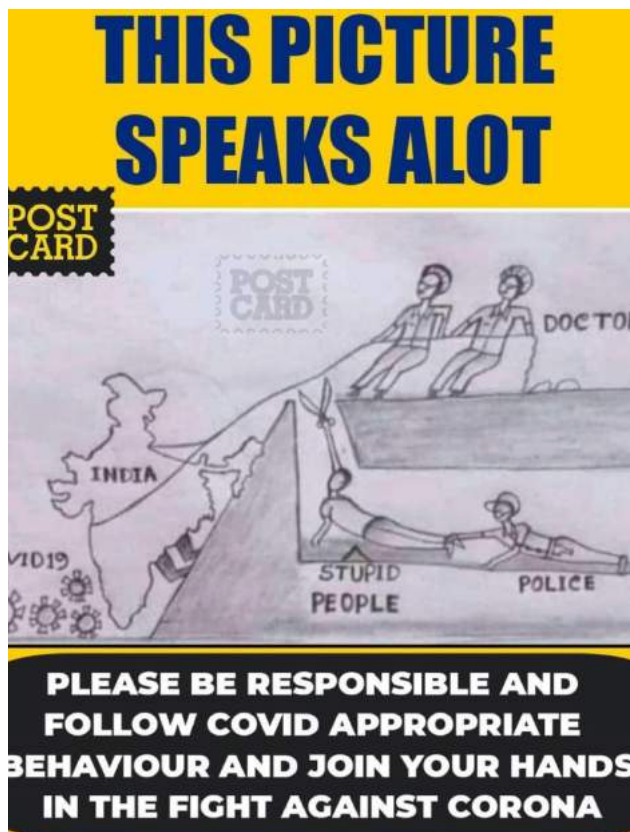
If Dexamethasone unavailable,

- Hydrocortisone 50 mg orally, three times daily, for 5-10 days
- Methylprednisolone 30 mg orally, once daily, for 5-10 days
- Prednisolone 40 mg orally, once daily, for 5-10 days
- Prednisone 40mg orally, once daily, for 5-10days
- Steroid can be stopped at 5 days if oxygen is no longer needed

Credits: Dr. Zain Changla, Dr. Kruthika Kuppalli, Dr. Madhukar pai, Dr. Priya Sampathkumar, Dr. Nikita Pant Pai, Dr. Celine Gounder, Dr. Karthick Cherabuddi, Dr. Lancel Pinto, Dr. Joel Kinton, Dr. CS Pramesh

Contact: krutika1113@gmail.com

The tip sheet it intended to be educational in nature and it not a substitute for clinical decision making by professionals





I am **Anand Raj Palanisamy**, a 2018 passed out student from the Department of Rubber and Plastics Technology, MIT, Chennai. Currently, I am pursuing my Ph.D. at Leibniz Institute for Polymer Research, TU Dresden. MIT has always been a strong pillar of support for me in my academic life. It is this institute that paved the way for my research career. I sensed the whole set of support both in academic and non-academic spaces during my stay there.

Of course, always there is a special place in my heart for the love and warmth of my seniors and juniors, a beautiful relation which one cannot experience anywhere in the world. Though RPT is a small department in MIT, it is one such department providing wholesome of opportunities in various industrial sectors. The bunch of knowledge obtained from the peculiar syllabus design in RPT department kindled me to pursue higher studies. Thanks to all the faculties for their untiring service in teaching.

It is not only the class lectures but also my involvement in non-curricular activities that helped me to handle real-life challenges easily. The happiest are the moments when I was the part of MITvariety time, an organization for entertaining people through various stage performances. It was there, I felt the other dimension in me and it is always fun to perform and being the happiness of others. My most cherished and favourite place in MIT will always be the OAT and the memories of enormous sleepless nights preparing for the stage events are still refreshing and will be a deep-rooted in my thoughts forever.

After finishing my UG, I got admission in Indian Institute of Technology, Kharagpur to do my Master's in Rubber Technology through cracking GATE 2018. This institute is very unique and my stay there helped me to gain more knowledge and experience the vast cultural diversity of Indian culture. Moreover, my way excellent grades there acquired me the opportunity to do my Master's thesis in RWTH Aachen, Germany. Thanks to my IIT faculties and Deutscher Akademischer Austauschdienst (DAAD), largest private organization in Germany in supporting research for their support and funding for over 7 months. This world class research opportunity gained me the silver medal for being the topper of my batch.

The collective research and mobility experience landed me again in the Germany to do my doctoral degree and I am continuing the same with the hope and enthusiasm to way finish it soon. The credits to all I achieved in these years will always go to my parents for their selfless love and freedom they gave me upon trusting my decisions in all phases of my life.



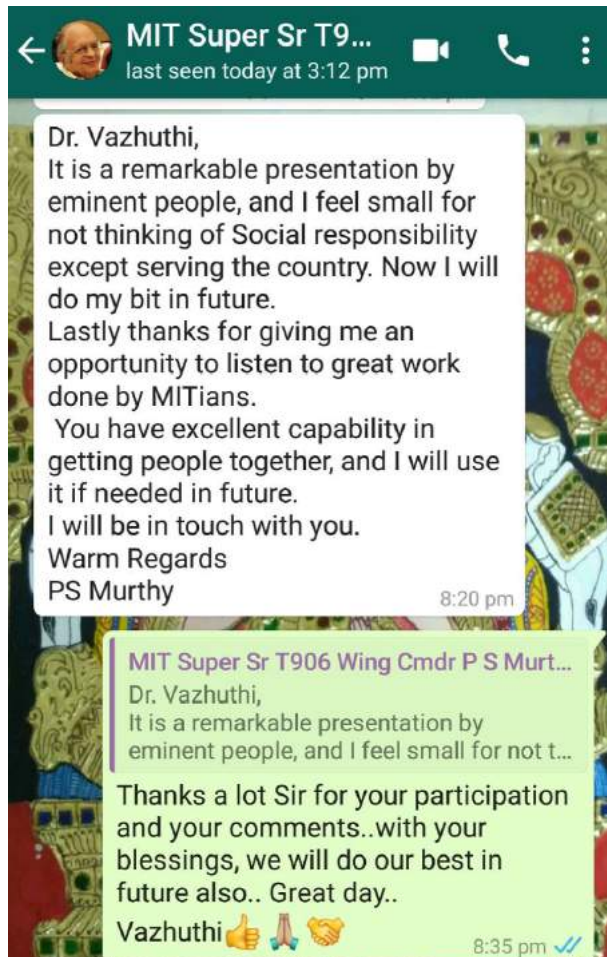
My special thanks and love towards my senior, Dr. K. Elamvazhuthi for giving me this opportunity that too at this time of my research career which is highly motivating to bring out the potential in me effectively.

Feedback from Alumni and the readers of the E Magazine.

Feedback for the April Issue of E Magazine



FEEDBACK FOR THE WEBINAR 10



Wishing you all Happy Ram Navami Day - 21.04.2021



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 2 issues consecutively from the month releasing the advt.

The contents shall be mailed by the Alumni to the Chief Editor of the e-Magazine

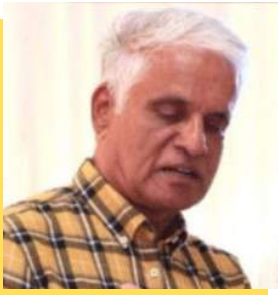
The charges for placing the advertisement by any Alumni of MIT from any part of the Globe is USD 10 or in INR 750/- for 2 issues from the month of placing the advt.

The advertisement will be one full page in the e-Magazine. The contents are subject to editing by the Editorial Team Members.

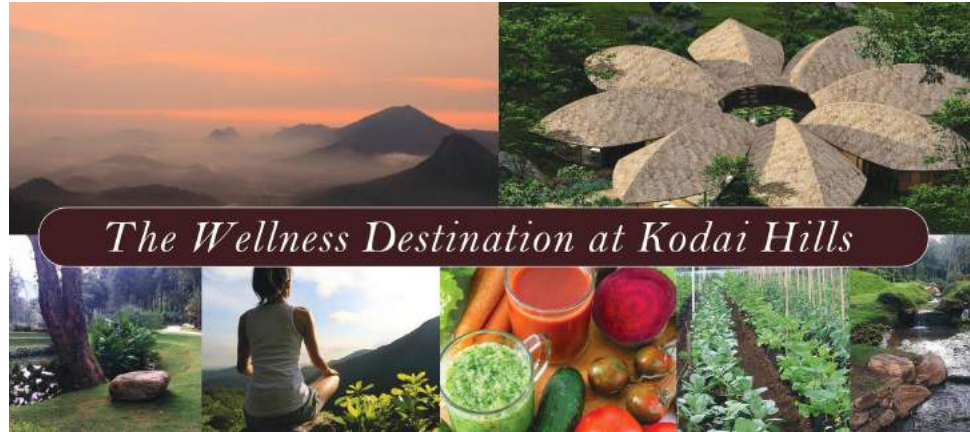
The advt contents shall be given on or before 10th of every month for the issue to be released on 14th of Every month.



For any clarifications, please contact the Chief Editor in his Email ID and his mobile number, +91 97906 17957 Email: drkelamvazhuthi@gmail.com



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Arise

Three day wellness and sustainability programme for children



Arise

Three day wellness and sustainability programme for children



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- Nature trails for trekking and sites for camping.
- Special diet featuring organic and vegan foods sourced at our own organic farms.
- Nature inspired living spaces with modern amenities.
- Gated environment and Wi-Fi connectivity.
- Special design features for senior citizens.

The Objective of Ekantha Wellness is to inculcate healthy living practices and disease living by following a disciplined lifestyle that includes a special diet regime featuring organic and vegan food sourced at our own organic farms within Teakeyan Estates, staying in natural surroundings, learning the value of organic farming and sustainable living with the guidance of our experts. A great opportunity to become a wellness channel partner (A success fee basis/group bookings) awaits you.

A great opportunity to become a wellness channel partner (A success fee Basic / Group bookings) awaits you

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Sunflower Oil / சூரியகாந்தி எண்ணெய்
Castor Oil / ஆமணக்கு எண்ணெய்

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Urad Dhall / உருட்டு உளுந்து
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Poongar Puttu Mix / பூங்கார் புட்டு மாவு

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