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Virutcham

MIT & MITIANS UPDATES

(Monthly E Magazine)

Hearty Congratulations To The Awardees of our proud MIT Alumni. We sincerely salute them for their commendable services.





Editorial

The tenth publish in the year 2022 is ready and its being shared with you all. My sincere apologies for delaying the issue by ten days. Its being launched on the auspicious day of Diwali. The last 30days has witnessed lot of events and festivals and the most important ones to highlight are the celebration of the **Engineers Day, & Dasara Festival**.

The country is bestowed with different culture of people and everyone are united when it comes for the celebration of festivals. The younger

generations shall strive hard to continue the legacy for many more generations to come.

This Publish highlights:

The main highlight of the publish is the Annual General Body meeting of MIT Alumni Association conducted on 9th October 2022 at Anna University Alumni club wherein the selected alumni were honored with various awards like Eminent Alumnus Awards, Young Achiever Award, Eminent Entrepreneur Award and also for Goldies award given to 21st Batch of Alumni who have passed successfully 50 years after graduating from MIT. Since 1972.

It was a grand event which was attended by many alumni in person and also the live YouTube telecast arrangements done by MITAA enabled everyone across the globe to watch the event sitting at their homes. It was an unforgettable event. The Eminent Alumnus awardee Mr. Davejí (13th batch Elecs MITian) from Hyderabad has shared his MIT days beautifully and the speech was truly inspiring. Another interesting speech was given by Dr. Ramesh Prabha(33rd Batch MITian, 5th batch PTian) Eminent Entrepreneur awardee. He recollected how he performed his debut event "unnodu oru nimidam" on the MIT campus stage when he was studying in the first year during MITAFEST function amidst sheer pressure from the seniors; the experience which later on lead him to make the popular First day first show event on the launching day of Sun TV channel. All other alumni awardee also shared their unique journey from MIT days which kindled the interests of many MITians across the Globe.

The other interesting coverages in the publish are article on **Dr. APJ Abdul Kalam A role model, true write up on Ratanji Tatas'** experience with physically disabled children, Sastiapthapoorthy function of Dr. Ramesh Prabha, two Tamil stories which are truly motivating and educating. The book review by a **senior alumnus Mr. SV Raman** (23rd batch IT) and his article on "Centiped and I" are interesting stuff to read and enjoy.

The news from the Media and also MIT and Anna University campus are shared herewith. The write up on The Neurobic has to be read by all ages and to be followed.

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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- 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
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- 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



Inside the E Magazine

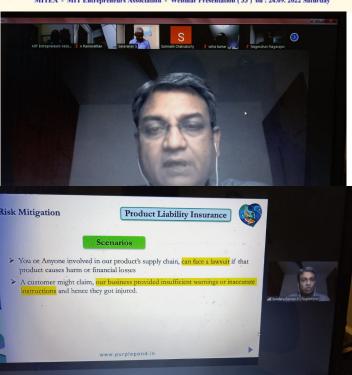
	Page Nos
* Editorial	02
* Editorial Team Members	03
* Highlights of MITEA -	06
* Unforgettable moments during Sashtiapthapoorthy function	
* Highlights of MITAA - Annual General Body Meeting on 9th Oct	
* News from the Media	12
* News from MIT & AU Campus	14
* ஏழு மலை தாண்டி	15
* Awakening the Child inside	17
* Dr. APJ Abdul Kalam - A Role Model	18
* Points to Ponder - Centiped and I	20
* The Neurobic	22
* நேர்மை கூட ஒரு போதைதான் 23	
* I want to remember your Face * New Registered Members of MITEA	25 26
* Management Related * Unforgettable Moments of MITians	27 28
* Happy Engineers' Day	29
* Book Review	30
* Advertisement for Entrepreneurs of MIT	31

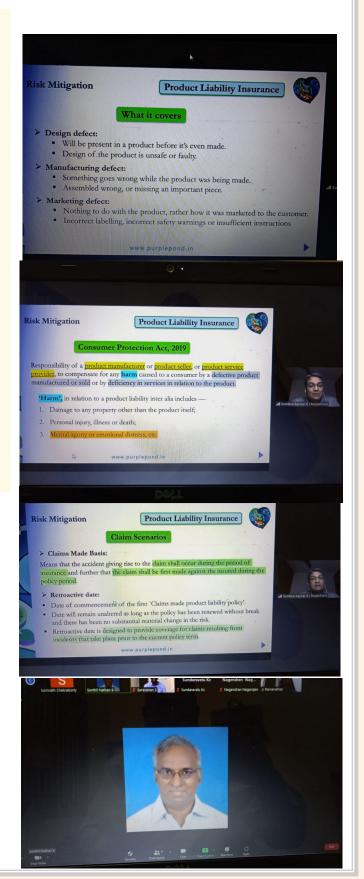


Highlights of MIT Entrepreneurs Association (MITEA)

The MITEA registered members organized virtual event Webinar 33 on "Insurance in MSME with focus on Product Liability" on 24th Sep 2022 for all the mitians & others.









Highlights of MIT Entrepreneurs Association (MITEA)...contd.



The EC members of MITEA had their EC meeting for the month of September & October 2022, virtually on 16th October 2022, Sunday from 06.30 pm to 07.30 pm. All the 12 members were present and it was a 100 % attendance meeting.



Dr. Ramesh Prabha, TNo 05510 (33rd Batch MITian) Founder CMD of Galaxy Group of Companies, President of MITEA has been honored by MITAA team with "Eminent Entrepreneur Award". We the EC team and all the registered members of MITEA congratulate him and wish him all success for all his future endeavors.









Unforgettable moments...During Sashtiapthapoorthy function of Dr. Ramesh Prabha on 4th October 2022

The EC members of MITEA and few of the registered members of MITEA & 33rd batch alumni friends had their privilege to attend the 60th birthday wedding function of Dr. Ramesh Prabha at his native place in Perambalur on 3rd and 4th October 2022. Few pics taken during the function are shared herewith.









Highlights of MITAA - AGM on 9th Oct 2022

AGM 2022 Annual General Body Meeting Eminent Alumnus Awardees Mr. Dhaveji Electronics Mr. R. Panneerselvam Automobile Mr. S. Ramanathan Aeronautics Mr. R. Surianarayanan Instrumentation

Eminent Entrepreneur Awardee

Mr. Ramesh Prabha
Production

Young Achiever Awardee

Dr. Aravind Kumar Chandiran

Honouring of Goldies

Venue:

Alumni Club - New Seminar Hall R.A Puram, Chennai -28

Date:

9th Oct,2022 - 06:00 PM - Sunday

MIT Alumni Association has organized a physical event of their Annual General Body meeting on 9th October 2022, Sunday evening from 06.30 pm at Anna University Alumni Club. Various awards were given on the day for Eminent Entrepreneur, Young Achiever, Eminent Alumnus and also awards for the Goldies . Few highlights of the event are shared herewith:



honored with Goldies Awards and they are with their better half.









Highlights of MITAA - Annual AGM on 9th Oct 2022...contd











Highlights of MITAA - Annual AGM on 9th Oct 2022...contd

Few more pictures taken during the award ceremony are being shared herewith. MITEA President & Vice president honored the EC Team of MITAA for organizing the AGM meet and the award giving function successfully.



MIT Virutcham - Monthly E Magazine For MITians - Vol 02: Publish 10: 14. 10. 2022



News from the Media

nave to come through hru along with struct its portion at ₹6.6 Mint.

MIT's Daksha drone gets DGCA nod

Chennai: The Director-General of Civil Aviation (DGCA) has approved the country's first petrol-operated drones designed and manufactured by the students' start-up unit 'Daksha Unmanned Systems Private Limited'

Daksha is developed by the MIT aerospace department initiated by the aerospace research students.

Soon after the DGCA issued the 'type certificate' to Daksha's prototype DH-Agrigator, an agriculture sprayer drone, the Daksha got about 50 preorders. MIT aerospace department associate professor K Senthil Kumar said, "The type certificate means the prototype can be manufactured and sold in the market.'

"We have so far been using the battery-operated drones imported from China and other countries. Daksha's Agrigator became an alternative for the farmers," said the professor. Farmers can avail these drones from Daksha. While each device costs ₹13 lakh to ₹15 lakh, the central government is offering a subsidy of ₹10 lakh to the Kisan Vikas Kendra and ₹7.5 lakh to Farmers Producer Organisation. Daksha is setting up an exclusive manufacturing unit at Ambattur. TNN



ஐ.டி நிறுவனங்களில் புதிய பணி நியமனம் நிறுத்தம்

விப்ரோ, இன்ஃபோசிஸ், டெக் மகிந்ரா உள்ளிட்ட ஐ.டி.நிறுவனங்கள் புதிய வேலையாட்களை பணியமர்த்துதல் ரத்து.

தகுதி மற்றும் நிறுவன வழிகாட்டுதல்கள் அடிப்படையில் வேலைவாய்ப்பை ரத்து செய்துள்ளதாக தகவல், உலகம் முழுவதும் ஐ.டி.துறையில் மந்த நிலை நீடிப்பதால் இந்த முடிவு.

THE TIMES OF INDIA, CHENNAI MONDAY, SEPTEMBER 26, 2022

TIMES CITY

3 city engg colleges most preferred

colleges got more than 30% of

their seats filled. Of 446 colleg-

es that took part in the first

round, 269 could not fill a sin-

portance to colleges with good

reputation, facilities and placements," career consult-

ant Jayaprakash Gandhi said.

Computer science, informa-

tion technology, and electron-

ics and communication are

"Clearly, students gave im-

Fee Payment Rule Reduces Seat Wastage

Ragu.Raman@timesgroup.com

Chennai: SSN College of Engineering, College of Engineering, Guindy (CEG) and Madras Institute of Technology (MIT), Chromepet have been preferred the most by students in the first round of counselling this year.

The new rule mandating fee payment within seven days of seat allotment has helped 80% of students who had opted for better seats/colleges and paid fees in the first round, to move upward in the first round itself. Officials say it has helped to reduce wastage of seats in top colleges.

ENGG COUNSELLING FIRST ROUND

> Out of 446 colleges, 269 could not fill a single seat

> 140 colleges filled less than 10% seats

> 17 filled 10% to 20% of seats

> 20 colleges alone filled more than 30% of the seats



TOP COLLEGES (% SEATS MOST PREFERRED FILLED) > SSN College of > Computer Engineering | 87.8% Science Engineering > College of Engineering,

Guindy (CEG) | 86.8%

> MIT, Chromepet | 85.5%

preferred the most in the first round. Courses such as BTech AI and Data Science also had many takers. He added that, as expected, the preference for civil and mechanical branches was less.

Science

> Information

Technology

> ECE

> Al and Data

However, top colleges have bucked the trend. "We have admissions even in the civil engineering branch," said VE Annamalai, principal of SSN College of Engineering.

'Students prefer colleges overcourses. It was clear as we were able to fill seats in all circuit branches," said R M Kishore, vice-chairman, RMK Engineering College.

The move to reduce the wastages in top colleges also yielded good results. "Of 3,707 students who opted for better seats/colleges and paid fees at TFCs, 3,046 (80%) got upward movement in the first round. Last year, the number was only 1,312," said T Purushothaman, secretary, TNEA com-

TNEA has added more than 2,600 seats to vacancies after students neither confirmed their seat allotment nor paid the fees within seven days of seat allotment. Last year, more than 1,800 seats allotted in the counselling were wasted as students did not join the courses after participating in the counselling.

TNEA called 14,524 students who have scored cut-off marks from 200 to 184.5 to attend the first round of online counselling. Of them, 10,340 got the provisional allotment and 9,594 paid fees in colleges and TNEA facilitation centres

In the general category, SSN college has filled 87.8% of seats, CEG 86.8% of seats and MIT 85,5% of seats. Only 20



News from the Media...contd

Times Special

THE TIMES OF INDIA, NEW DELHI WEDNESDAY, SEPTEMBER 28, 2022

UGC says aye: You can pursue PhD after 4-year grad course

Does Away With Mandatory Publication Of Research Paper

Manash.Gohain @timesgroup.com

New Delhi: In a major reform for PhD programmes, the University Grants Commission has done away with mandatory publication of a research paper before the submission of thesis. The commission in a study involving 2,573 research scholars from a top ranked central university (CU) and Indian Institute of Technology (IIT), found that mandatory publication has not helped as around 75% of the submissions of the CU, which follows UGC regulations, are not in quality Scopus indexed journals. The opposite is true for IITs, which are not under the purview of UGC, where the majority of research papers were published in quality journals. Another major change in the regulations is to allow undergraduate students after a fouryear-degree to join PhD programmes. The regulations, to be announced next week, also said PhD programmes can't be offered through online/ distance mode.

It's a global practice that based on the research outcomes in a PhD thesis, students are encouraged to publish their work in peer reviewed journals or apply for patents, which provides an opportunity to scholars to disseminate their results within the research community and additionally helps develop good communication skills.

Two higher education institutions were part of the the study conducted by UGC over a period of three years (2017-2019). They included 1,566 PhD scholars from the CU and 1,007 from the IIT, both top ranked institutions in the NIRF rankings. The study observed that "In the university, because of the mandatory condition to



EASING NORMS

New digital univ for skill devpt: Pradhan

The government is in the process of setting up a digital university to promote education and skill development, said Union education, skill development and entrepreneurship minister Dharmendra Pradhan at the '13th Global Skills Summit — Education to Employability: Making it happen,' organised by Ficci on Tuesday, "NEP 2020 envisions skill and education as one. We are coming up with a digital university with multiple entry and exit frameworks, along with an academic bank of credits, to facilitate our workforce. The industry needs to adopt these policy reforms and flexible frameworks," he said. "India is blessed with a demographic dividend. Education and skills have to play an important role in converting our demographic dividend into a transformative powerhouse," he added. TNN

publish a paper before PhD thesis submission, during the three-year period, nearly 75% of students are forced to publish in journals which are not Scopus indexed journals."

It revealed that on an average, in IIT, about 79 % of students have published in Scopus indexed journals and 73.4% have published more than one journal paper. In the university, only about 25.2 % of students have published in Scopus indexed journals and only 19 % have published more than one journal paper. Scopus index is known to be the best abstraction and citation database for peer-reviewed journals.

UGC chairperson M Jagadesh Kumar said, "We need to understand how the thesis is evaluated in order to maintain its quality. Before the sub-

mission of the thesis, the scholar makes a presentation before the research advisory committee. The student gets some feedback and prepares the thesis, which is the first level of quality checking. The student also includes in the thesis a certificate from the research supervisor attesting to the originality of the thesis as the second level of quality checking. The PhD thesis is then sent to two experts for their comments. Wherever possible, one of the external examiners is usually chosen from outside India. The thesis is revised taking into account the comments of both the external examiners. This is the third level of quality checking. In the final stage, the student will defend the work in front of a viva-voce board consisting of the supervisor and at least one of the two external examiners."

On whether it will now be entirely not necessary to publish papers, Kumar said PhD students should certainly publish their work in peer journals or apply for patents. "Merely making it mandatory to publish a paper before the submission of a thesis puts undue pressure on the minds of students and encourages them to publish in low quality journals. Publication of a research paper in a good journal is a long process. Students can start writing their papers, submit to a journal and follow up with the submission of the thesis since thesis quality has already been verified. The student and the supervisor can follow up with revisions and resubmission of the paper until it is published."

Till now, a master's degree was compulsory to join the PhD programme. But now after a four-year/ eightsemester bachelor's degree programme with a minimum 75% marks in aggregate or its equivalent grade, candidates would be eligible to join a doctoral programme. Moreover, scholars with a one-year/ two-semester master's degree programme after a fouryear bachelor's degree are also eligible.

The regulations have also expanded the scope of admission tests through which students can seek admission in PhD. Now, HEIs can admit students who qualify for fellowship/ scholarship in UGC-NET/ UGC-CSIR NET/ GATE/ CEED and similar national level tests, based on an interview. Or an entrance test conducted by the HEI by giving a weightage of 70 % for the entrance test and 30 % for the performance in the interview/viva-voce.



News from MIT & Anna University Campus



The President of India presented NSS Award to Prof.Dr. R. Velraj, VC Anna **University and NSS Coordinator** Dr. R. Ramesh on 24th Sep 2022.





2020-21 to universities, NSS units and NSS

President Droupadi Murmu presented the National Service Scheme (NSS) Awards for



National Institute of Technical Teachers Training and Research (NITTTR)

Ministry of Education, Government of India Taramani, Chennai – 600 113

Advt.No.04/2022-23

WALK – IN SPOT PG ADMISSIONS 2022 – 2023

THE

Few Lapsed seats are available in the following PG Programmes affiliated to Anna

S.No.	Programmes	Eligibility Criteria
1.	M.E. Infrastructure Engineering and Management	TANCET / GATE Score
2.	M.E. Electronics and Communication Engineering (Industry Integrated)	
3.	M.E. Multimedia Technology	
4.	M.E. Energy Engineering	

Interested Eligible Candidates are informed to appear for spot admission for the above courses on 26th and 27th October 2022 between 09.00 AM to 04.00 PM along with Original Certificates - SSLC Mark Sheet, HSC Certificate / Diploma Certificate, UG Certificate, GATE / TANCET Score, Aadhar Card, Community Certificate and Transfer Certificate along with four passport size photos.

The selected candidates will have to pay the fees on the same day at the time of admission.

Stipend Available for GATE and TANCET Qualified Candidates (Conditions Apply). Email: casr@nitttrc.edu.in Phone: 044-22545406/61/36

HSC, SSC students to get bonus marks for NCC, Scouts events

FROM THIS YEAR Move to encourage more students to participate in activities, says state order

7. TO SECULATE TO AN INVESTIGATION OF THE PROPERTY OF THE PROP

iii, No, Name of the Officer
Sh. Ravi Kurnar Sirha, Under Secretary
Sh. Gopal Singh, Section Officer
Sh. Karnal Kurnar Kar, APA, Dite. of NSS

MRMAE: Students of Classes 10 and 12 of the state board would get 10-20 bonus marks in their upcoming board exams for participating in National Cadet Corps (NCC) and the Scouts and Guides events.

A recent government resolution (GR) issued by the state education department extended the bonus-marks scheme to the Sectodary School Certificate (SSC) and the Higher Secondary Certificate (HSC) at tudents who have participated in national and international events organised by the two associations. Students who take part in the Republic Day parade and related events will get 10 marks while medal winners in international youth exchange programmes would be granted 15 marks. Students participating international youth exchange programmes would be given 20 marks. The move intends to increase the participation of students in NCC and Scouts and Guides, "states the GR.

ticipating in sports events illnow, students who partici-ed in district, division and a level tournaments would be

IN THE STUDENTS' SCHEME OF THINGS

The state education department introduced the concept of bonus marks for students of Classes 10 and 12 to encourage them to pursue extra-curricular activities

Here's a look at how it works:

First three ranks at district level: 3 marks

First three ranks at state level: 7 marks

First three ranks at national level 10 marks

First three ranks at international level: 15-25 marks

OTHERS Participation in NCC/Scouts and Guides events 10 marks

Bonus marks for art and culture events: 5-15 marks

TO BE NOTED

show interest in the subject as it is only graded. This would push them to look at them more seri-ously," said Shaila Patil, a PT teacher from a suburban school. In 2016, the state education department introduced bonus marks for Class l'Ostudents excel-ling in extra-curricular activities to encourase students to pursu-



Students could score up to 25 bonus marks a pet the policy. With the bonus marks spiking student's scores, the department revised its policy in 2017 capping the maximum marks to 15. While students can avail these bonus marks from the current candemic year, astudent can only be awarded a maximum of 25 bonus marks.

YOUTH EXCHANGE PROGRAMMES WOULD BE GIVEN 20 MARKS, THE GOVERNMENT RESOLUTION SAID



ஏழு மலை தாண்டி....



ஏழு மலை தாண்டி ஏழு கடல் தாண்டி கடைசியில் அந்த தங்க கூண்டில் இருக்கும் மந்திர கிளியை எடுத்து வந்த சூப்பர் ஹீரோக்கள் யாரையாவது பார்த்திருக்கிறீர்களா? சத்தியமா அவங்களை நான் பார்த்தேன் இந்த வார zee tamil 'தமிழா தமிழா'வில். கொடும் ஏழ்மையிலும் குழந்தைகளை படிக்க வைத்த பெற்றோர்களும் படித்து முன்னேறிய பிள்ளைகளும் கலந்த

கொண்டது தான் இந்த வார நிகழ்ச்சி.

துப்பரவு தொழிலாளியாக இருந்து தன் மகனை படிக்க வைத்த தந்தைக்கு பெருமை சேர்த்த மகன் ஹீரோவென்றால் அவரது தந்தை சூப்பர் ஹீரோ! என்ன மனுசன்யா அவரு? மகன் Artificial intelligence பிரிவில் வேலை பார்க்கிறார் என்பதை கூட சரியாக சொல்லத் தெரியாத அந்த தந்தை தனது மகனிடம் என்ன கோரிக்கை வைக்கிறார் தெரியுமா? ஏழ்மையால் படிக்க கஷ்டப்படும் மாணவர்களை படிக்க வைக்க அவர்கள் ஊரில் ஒரு பள்ளிக் கூடம் கட்ட வேண்டுமென்று தான். மாதம் மூன்று லட்சம் சம்பாதிக்கும் மகனிடம், உயிரைப் பிடித்து மலக்குழியில் இறங்கி வேலைப் பார்த்து கஷ்டப்பட்டு படிக்க வைத்ததிற்கு பிராயசித்தமாக என்ன வேண்டுமானாலும் கேட்கலாம், அதையெல்லாம் மனதில் ஏற்றாமல் அவர் அறிந்திராத மற்றவர்களின் நலனுக்கு ஆசைப்படும் அவரின் அந்த மனம் தான் ஏழு மலை தாண்டி ஏழு கடல் தாண்டி தங்கக் கூண்டுக்குள் இருந்த அருள் எனும் மந்திர சக்தி அடங்கிய அந்த கிளி!

அவரது மகன் தனக்கு நடந்த ஒரு அடக்குமுறை சம்பவத்தை விவரித்த போது போது, மனதில் சிறிதேனும் மனிதம் எஞ்சி இருக்கும் எவருக்கும் அந்த ஐபிஎஸ் அதிகாரி மேல் கோபம் வராமலிருக்காது. வெறி கொண்டு படித்து உயர்ந்த நிலையை அடைந்து, இரண்டு நவீன அறிவியல் கருவிகளை வேறு கண்டிபிடித்து தற்போதைய உயர் நிலையை அடைந்தது தான், அதுவரை தான் அடைந்த அவமானங்களுக்கெல்லாம் மிகச் சிறந்த பதிலடி எனச் சொன்ன அவர் ஹீரோவென்றால் அவரது தந்தை ஒரு சூப்பர் ஹீரோ!

தனக்கு கிடைத்த முதல் பதக்கத்தை நேராக வந்து அப்பாவின் கழுத்தில் போட்டுவிட்டு உனக்குதான்பா இந்த பதக்கம் எனச் சொன்ன இன்னொரு மகன் ஹீரோவென்றால் தந்தை சூப்பர் ஹீரோ!



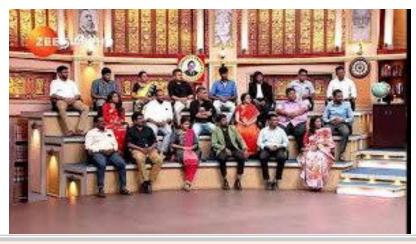
ஏழு மலை தாண்டி....contd

சேமிச்சு வச்ச நகைகள் எல்லாம் உன் கால்யாணத்திற்கல்ல உனது படிப்பாற்காகத் தான் என மகளிடம் சொன்ன தாய் இன்னொரு சூப்பர் ஹீரோ!

தனது தந்தை தன்னிடம் 'எப்படியாவது புள்ளைங்களை படிக்க வச்சிடுடா' என சொன்னதிற்காக ஓரு பலசரக்கு கடையில கூலி வேலை செய்து தனது நான்கு பெண் குழந்தைகளையும் நன்றாக படிக்க வைத்த தந்தை இன்னொரு சூப்பர் ஹீரோ! இவர்கள், ஏழ்மைக்கும் மற்றவர்களின் ஏளனப் பேச்சிற்கும் நடுவில் தன் வாழ்க்கையையே அடமானம் வைத்து தங்கள் பிள்ளைகளை படிக்க வைத்து உயர்த்திய இவர்களின் கஷ்டங்களையும், பிள்ளைகள் உயர்ந்த பிறகு அவர்கள் அடைந்த சந்தோசத்தையும் இந்த ஒரு மணி நேர நிகழ்ச்சியில் நிச்சயமாக சொல்லிவிட முடியாது.

இது போல பல சூப்பர் ஹிரோக்களை இந்த வார தமிழா தமிழாவில் பார்த்த போது, சில வாரங்களுக்கு முன் நடந்த நீயா நானாவில் ஆந்திராவை சார்ந்த ஒரு தமிழ்நாட்டு மருமகள் தமிழ்நாட்டைப் பற்றி பெருமையாக 'இங்கு தான் ஒரு பூ விற்கும் பெண் கூட தனது புள்ளைங்களை நல்லா படிக்க வைக்க அசைப்படுகிறாள் சார்' என்று சொன்னது ஞாபகம் வந்தது. கல்வி எனும் ஒரே பேராயுதம் கொண்டு தான் வறுமை, அறியாமை, மற்றும் சமூக ஏற்றத் தாழ்வு போன்ற மாபெரும் எதிரிகளை வீழ்த்த முடியும் என்பதற்கு தமிழ் நாடு ஓரு உதாரணம்.

பள்ளி படிப்பை முடித்து கல்லூரி செல்லும் மாணவர்களின் சதவிகிதம் அகில இந்திய சராசரியை விட தமிழ் நாட்டில் இரண்டு மடங்கு அதிகம் எனும் தகவலுடன் கரு பழனியப்பன் நிகழ்ச்சியை தொடங்கினார். கல்வி அறிவைத் தரும், அறிவு ஒழுக்கத்தையும் அன்பையும் தரும். ஆனால் இவை எல்லாவற்றையும் விட உயர்ந்தது பிறர் மீது காட்டும் அருள் தான் எனச் சொல்லி அங்கு அருளின் உருவாக வீற்றிருந்த தந்தைக்கு முதல் பரிசை அளித்து நிகழ்ச்சியை நிறைவு செய்தார், மனநிறைவு! முகநூலில் படித்தது...



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Awakening the Child inside...By SV Raman (23rd Batch IT)



A beacon of Light: RAPRA is proud to inform our readers about the liberal donations made by our RAPRA member and 7th main road resident Mr.R.Jeevankumar towards helping the poor and downtrodden. On the occasion of 75th year of Independence his trust donated rupees ten lakhs each to Tata Hospital and SVIMS, Tirupati (under the control of TTD).

The highlights of the Tata Hospital are: 1. This is the first phase of Tata Cancer Hospital opened in Tirupati. 2. Latest equipment have been launched 3. All scans including MRI costs Rs300 only for the poor people. 4. It is situated in 25 acres of land given by TTD. 5. Very soon proton treatment will be started

We are very proud of a donor like Jeevankumar whose help has made cancer treatment for poor affordable. Sir Ratan Tata is like God for the suffering cancer patients. According to Mr. Jeevan kumar his trust has started free breakfast, lunch and dinner to cancer patients and their attendants (staying in their building at Tirupati). Already at Srirangam from May 2022, nearly 350 to 400 devotees who visit Srirangam temple are provided free lunch with sweet. At Shiridi (started in 1997), Thirumala, Srirangam and Kutralam, the inmates in his choultry are provided free food with all amenities. All trust donation were given to Tata Cancer Hospital. In shirdi, breakfast, lunch and dinner are given especially for south Indians free of cost.



Online shopping- Dhenuka Srinivasan: There has been leapfrogging in terms of modern shopping through the digital world where it has reached millions across cities and soon will see such penetration into rural and remote regions as well. The whole retail experience has gone through a revolution and the modern world has become exceedingly dependent on innovations like digitalization and technological advancement.

Online shopping is giving the people what they want, when they want it, with minimal effort and maximum convenience and efficiency, and in case you have second thoughts you can send it back. Online platforms such as Amazon and Flipkart has come to dominate peoples' buying options. No more drive or walk to a store and buy your items.

How does it work?: All you need is a computer with internet connection or smartphone with the retail apps where you register with your address. Payments can be made online in advance or even by cash on delivery. From grocery to medicines to flower pots to toys to clothes everything you need is a click away. People at the comfort of their homes order and get their delivery within days. "The bell rings.....the delivery person has come and delivers a package-curtains that I ordered 4 days back!" It looks just as in the image when I ordered! Wow! Modern world has its easy but make people lazy.

Awakening the Child Inside- S.V.Raman (soraiyurvraman@ Gmail.com). : After several years, I undertook a train journey with a difference - I would awaken the child inside me by rekindling my curiosity, rediscovering the sense of wonder etc. In short, I would think and behave like a ten year old. Once my train arrived at the station, I was delighted that mine was a window seat. I smiled and thanked the person who cleaned the coach. As the train picked up speed, I was amazed how rows of numerous trees, houses and pillars approached me fast as if to wanting to kiss me. Through my window, I waved at the children wherever and whenever I saw them. Inside the coach, I began observing people with curiosity a mother was trying hard to discipline her two sons, 'both around my age' - jumping, quarrelling and shouting. A vendor entered with raw cut mangoes, and I imagined them to be the jaws of a shark. Then, a sudden, loud sound 'thad... thad ' made me look down and watch with fascination the river below, where men were bathing, boys diving, women washing and so on.

Suddenly, I sensed someone tapping my shoulder and heard a voice 'Ticket please'. But I, still deeply immersed in my childhood, muttered "Uncle, my ticket is with my appa".



Dr. APJ Abdul Kalam - A Role Model



Dr. A.P.J. ABDUL KALAM – A ROLE MODEL

(Prof. T. Thyagarajan, Former Dean-MIT Campus Anna University, Chennai, thyagu_vel@yahoo.co.in; 9444104850)



Where there is righteousness in the heart, there is beauty in the character. When there is beauty in the character, there is harmony in the home. When there is harmony in the home, there is order in the nation. When there is order in the nation, there is peace in the world.

A. P. J. Abdul Kalam

Preamble: Bharatha Ratna, Dr Avul Pakir Jainulabdeen Abdul Kalam was the 11th President of India (2002-2007). He studied Aerospace Engineering at Madras Institute of Technology –MIT (now under Anna University), Chromepet, Chennai. Incidentally, I served as the 10th DEAN during 2018-2022 (unique honour) of this prestigious MIT Campus, started by the visionary educationist Shri, C. Rajam, in the year 1949. **On the eve of Dr Kalam Sir's birthday falling on 15th October, I thought of sharing some of unique learnings from his illustrious career**.

Early days: Dr Kalam was born on 15th October, 1931, in Rameswaram, a pligrimage town in Tamil Nadu. His father Jainulabudeen was an Imam in a local mosque and his mother Ashiamma was a house wife. He used to get up early in the morning, attend to Maths tuition followed by Namaz and Quran Sharif learning, he would go to Rameswaram Road Railway station, three kilometers away to collect newspaper from the Madras-Dhanushkodi Mail and distribute them in the Rameswaram town. He studied in Rameswaram Panchayat elementary school where his Sri Muthu Iyer shaping him with good habits including his handwriting. When he was studying 5th class, his teacher Shri Siva Subramania Iyer's advice and the bird flying exercise given him a goal and a mission for his life. Later he took Physics at St. Joseph's College. He was inspired by his mathematics teacher Prof Thothatri Iyengar who introduced him to four great mathematicians and astronomers of India namely: Aryabhata, Srinivasa Ramanujan, Brahmagupta, Bhaskaracharya, through his masterly lecture on ancient mathematicians and astronomers of India. Dr Kalam pursued Aeronautical Engnieering in MIT where he was given training to systems approach. His design teacher Prof. Srinivasan, the then Director of MIT, mentored him through design project, which enabled him to aim for new products, innovation and helped him to undertade higher organizational responsibilities at later date.

Professional journey: Dr A.P.J. Kalam served for almost 40 years as Scientist, Researcher and R &D Administrator at Indian Space Research Organisation (ISRO) and Defence Research and Development Organisation (DRDO). He was actively involved in India's civilian space programme (SLV-III) and military missile development (AGNI & PRITHVI). He was also known as the Missile Man of India for his contribution in the development of ballistic missile and launch vehicle technology. He also played a significant role in India's Pokhran-II nuclear tests in 1998. He was the Principal Scientific Advisor to the Government of India, in the rank of Cabinet Minister.

Major Awards & Recognitions: Dr Kalam was a recipient of several awards and recognitions. He has the unique honour of receiving honorary doctorates from 48 universities/institutions in India and abroad, including that from Anna University. He also received civilian awards namely: Padma Bhushan (1981), Padma Vibhushan (1990), Bharat Ratna (Highest Civilian Award, 1997), Indira Gandhi Award for National Integration (1997) and Veer Savarkar Award (1998) from Government of India. He was also recipient of several internal awards including: The King Charles-II Medal, Woodrow Wilson Award, Hoover Medal 2008, International Von Karman Wings Award and Fellow of many professional institutions.

Books Authored: Dr Kalam was keen to express his thoughts in the form of books. In that pursuit, he has authored many books namely: Wings of fire, 2020- A vision for the new millennium, Envisioning



Dr. APJ Abdul Kalam - A Role Model...contd

an empowered nation, Ignited minds, My journey, Developments in fluid mechanics and space technology, The luminous sparks, The life tree, Mission India, Children ask kalam, Guiding souls, Indomitable spirits and Inspiring thoughts, which are popular among the people of all age groups.

Passion: His passion was to ensure rural prosperity through PURA (Providing Urban Amenities to Rural Areas). In the year 2001, Dr. Kalam Sir also served as a Professor, Technology & Societal Transformation at Anna University, Chennai and was actively involved in teaching and research pursuits. He was passionately involved in igniting young minds for national development by addressing high school students across the country. He was also advocating Tree Plantation across the nation.

Popular Quotes:

- If you want to shine like a sun, first burn like a sun.
- You have to dream before your dreams can come true.
- Dream is not the thing you see in sleep but is that thing that doesn't let you sleep.
- Dream, dream, dream. Dreams transform into thoughts, and thoughts result in action.
- · Great dreams of great dreamers are always transcended.
- Man needs his difficulties because they are necessary to enjoy success.
- Small aim is a crime; have a great aim
- The best brains of the nation may be found on the last benches of the classroom.
- Education is the most powerful weapon which you can use to change the world.
- Excellence is a continuous process and not an accident.
- The purpose of education is to make good human beings with skill and expertise. Enlightened human beings can be created by teachers.
- Don't take rest after your first victory because if you fail in second, more lips are waiting to say that your first victory was just luck.
- You cannot change your future, but you can change your habits, and surely your habits will change your future.
- If you fail, never give up because F.A.I.L. means, First Attempt In Learning.
- Don't read success stories, you will only get a message. Read failure stories, you will get some ideas to get success.
- Confidence and hard-work is the best medicine to kill the disease called failure. It will make
 you a successful person.
- If you are born with fame, it is an accident. If you die with fame, it is an achievement.
- When our signature changes to autograph, this marks the success.
- All of us do not have equal talent. But, all of us have an equal opportunity to develop our talents."

My unique honour: I had an unique honour and rare privilege to interact and eat dinner with Dr Kalam in San Francisco, California during the IEEE Honors Ceremony held on 20.8.2011. During my interaction I found him to be simple, humble, modest, un-assuming personality. He is an illustrious alumnus of MIT, an icon in the field of Missile Technology, a socially conscious researcher, a pragmatic policy maker, an administrator with impeccable professional career, a symbol of sincerity, honesty, dedication and commitment and a visionary President of India.



Laid to Rest: On 27th July 2015, Dr APJ Sir, at the age of 83, died while delivering a lecture at IIM Shillong. He was laid to rest in his hometown of Rameswaram with full state honours. A memorial was also built at the burial site. Dr. Kalam's biggest contribution to the country was his ability to inspire generations to dream big. With his modesty and accomplishments, he inspired crores of people in India and abroad. His journey from a small village in Rameswaram to Rashtrapati Bhavan is a true testimony that any Indian who is motivated enough can rise above his humble beginnings to make it to the highest position in the country (Source: http://www.abdulkalam.nic.in).



Points to Ponder

Centipede and I

By S.V.Raman

(Manuscript of my article published in The Hindu, Digital Edition in Open Page, on 25/09/2022 as "Language of Thinking")

In a get together of family and friends, out of the blue, I popped a question: "In which language you think?" My wife was the first to reply "Of course, Tamil, my mother tongue". A few others concurred and claimed that everyone thinks only in their mother tongue. To prove, one of them narrated a story about Tenali Rama, where he was challenged to find out the mother tongue of a pundit who was equally proficient in several languages. Tenali accepted the challenge, and in the middle of that night, scared the pundit when he was in deep sleep. Shocked and scared, he instinctively yelled in his mother tongue.

After this narration, it was my turn to answer. I deliberated for a while and declared "I think in English". My son and daughter disclosed that they too think in English. Soon, others joined but with contrasting replies, like, 'I never thought about it', 'I don't know', 'there is no language involved since thoughts are created by millions of neurons in the brain' etc.

I began to get confused and decided to carry out some search on the Net for an authentic answer. I came across what is known as the 'Complementarity Principle', developed by François Grosjean, a specialist in psycholinguistics, Switzerland, and who was also quoted in the magazine Psychology Today as well as by language consultant 'Simon and Simon', UK. According to this principle, 'Usually we think in our native language. But for those who know more than one language, it is not always so. In such cases, they use different languages for different purposes, with different people, in different situations etc. Besides, there is a 'learned behaviour', which is related to special tasks like counting, doing arithmetic and praying, in which, if one chooses an inappropriate language, that could either slow down the task or even result in mistakes.

Even as I was trying hard to comprehend these findings, I came across Steven Pinker, a Cognitive scientist, who, in his book '*The Language Instinct*', proposed that some thoughts could be in terms of colours and images too, known as 'mentalese'. I realised that more I do research on thought processes, my confusion increases.

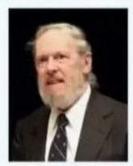
That's when the following story about a fox and centipede rose in my mind (in English). The story: A centipede was moving effortlessly, when a fox posed the following question to it "Just with four legs, I stumble often. How can you, with a few hundred legs manage to walk without any problem?"

The centipede started to think about it and soon enough, it was unable to walk any further.

There's a lot of similarity between that centipede and myself.



Points to Ponder..contd



Dennis Ritchie Created



Bjarne Stroustrup Created C++



Anders Hejlsberg Created C#



James Gosling Created **JAVA**



Brendan Eich Created **JAVASCRIPT**



Rasmus Lerdorf Created PHP



Yukihiro Matsumoto Guido van Rossum Created Ruby



Created **PYTHON**



Larry Wall Created PERL



The Neurobic.... By Mr. Lakshmi Shankar (TNo 01604, 40th MITian)

The Neurobic

Alzheimer's causes the person to lose memory and can no longer have feelings of pleasure and joy, nor control of their own organs.

The patient loses the Consciousness about his actions and his own Identity, because he will no longer be able to recognize himself. He loses character, will and power of decision, they do not recognize his friends and family, and not even his own children.

The right hemisphere of the brain will thank you. Try these.

Alzheimer's can be prevented, with the simple fact of changing hands when brushing teeth.

By changing some routines, the stimulation of the right brain is forced. This is a new technique to improve concentration, develop creativity and intelligence, by performing these simple Neurobics exercises.

A discovery within "Neuroscience" reveals that the brain has an extraordinary ability to grow and change the pattern of its connections.

The authors of this discovery, Lawrence Katz and Manning Rubin (2000), reveal that Neurobics, or "neuron aerobics" is a new form of brain exercise, designed to keep the brain agile and healthy, creating new and different brain patterns. behavior, and the activities of neurons in your brain.

Nearly 80% of our daily life is occupied by routines, which despite having the advantage of reducing intellectual effort, hide a perverse effect: they limit and atrophy the brain, not allowing the renewal and growth of its neurons.

To counteract this tendency, it is necessary to practice some "brain exercises", which make the person think only about what they are doing, concentrating on that task, doing everything contrary to routine, forcing the brain to do additional work.

Some exercises to develop Neurobics:

- Wear the watch on the opposite pulse than you normally wear it.
- Brush your teeth with the opposite hand.
- Walk around the house, on your back (in China this routine is practiced in parks).
- Dress with your eyes closed.
- Stimulate the palate with things of different flavors.
- View the photos, upside down (or the photos, or you).
- Look at the time, in the mirror.
- Change the routine path to go and return home.

The idea is, to do a few different things, so that you exercise the other side of your brain (the right one). Well worth a try!



" நேர்மை கூட ஒரு போதைதான்..."

நேர்மை கூட ஒரு போதைதான்...

ஒரு சின்ன கதை!

ஒரு வியாபாரி தனக்கு பயணம் செய்ய ஒட்டகம் ஒன்று வாங்கி வர சந்தைக்குப் போனான்.

ஒட்டக வியாபாரியிடம் அப்படி இப்படி என பேரம் பேசி நல்ல விலைக்கு ஒட்டகத்தை வாங்கிக் கொண்டு ஓட்டி வந்தான்.

ஒட்டகம் வாங்கிய வியாபாரிக்கோ மகிழ்ச்சி. நியாயமான விலையில் நல்ல தரமான ஒட்டகம் கிடைத்தது என்று.

வீட்டுக்கு வந்ததும் தன் வேலையாளை அழைத்து ஒட்டகத்தை கொட்டிலில் அடைக்க சொன்னான்.

அதற்கு முன்பாக ஒட்டகத்தின் மேலிருந்த சேணத்தை அவிழ்க்க முயற்சித்தான். அவனால் முடியவில்லை.

தன் வேலையாளை அழைத்து ஒட்டகத்தின் சேணத்தை அவிழ்க்க சொன்னான்..

ஒட்டகத்தின் மீதிருந்த சேணத்தை அவிழ்த்த வேலையாள், "பொத்" என ஏதோ கீழே விழுவதை கண்டு எடுத்துப் பார்த்தான்.

அது ஒரு சிறிய பொக்கிஷப்பை. உள்ளே பிரித்தால், ஆச்சரியத்தால் அவன் கண்கள் விரிந்தது. விலை மதிப்பற்ற நவரத்தின கற்கள். தகதகவென மின்னியது.

அதை எடுத்து கொண்டு முதலாளியிடம் ஓடி வந்து அதைக் காண்பித்தான்.

உடனே வியாபாரி, "அந்த பையை இப்படி கொடு, உடனே அந்த ஒட்டக வியாபாரியிடம் கொடுக்கணும்"னு சொல்லி புறப்பட்டான்.

பணியாளோ, "ஐயா இது யாருக்கும் தெரியப் போவதில்லை. இது இறைவனின் பரிசு. நாமே வைத்து கொண்டால் என்ன? தாங்கள் அதிகமாக வைத்துக் கொண்டு எனக்கு கொஞ்சமாகக் கொடுங்கள்" என மிகவும் வற்புறுத்தினான்.

வியாபாரியோ ஒத்து கொள்ளாமல் ஒட்டக வியாபாரியைப் பார்த்து ஒப்படைக்கப் புறப்பட்டுப் போனான்.

ஒட்டக வியாபாரியிடம் சேணத்தை அவிழ்த்த போது கிடைத்த பொக்கிஷப் பையை கொடுத்ததும் நன்றியோடு வாங்கி கொண்டவன்,

அந்த பொக்கிஷப் பையை வியாபாரியிடம் கொடுத்து, "உங்கள் நேர்மையை நான் பெரிதும் மெச்சுகிறேன். தங்களுக்கு ஏதேனும் பரிசளிக்க விரும்புகிறேன். இதிலிருந்து உங்களுக்கு பிடித்தமான கற்களை சிலவற்றை எடுத்து கொள்ளுங்கள்" என்று நீட்டினான்.

அதற்கு அந்த வியாபாரியோ சிரித்துக் கொண்டே " உங்களிடம் இந்த பொக்கிஷத்தை தரும் முன்பே இரண்டு விலையுயர்ந்த ரத்தினங்களை நான் எடுத்து வைத்து கொண்டேன் " என்றான்.

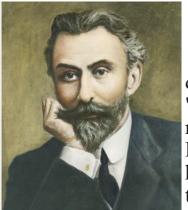
Take Care *Stick to TV only*



" நேர்மை கூட ஒரு போதைதான்..."contd

உடனே ஒட்டக வியாபாரியோ கற்களை எண்ணி பார்க்க எதுவுமே குறையவில்லை. சரியாக இருந்தது கண்டு குழம்பினான். உடனே அந்த வியாபாரி " நான் சொன்ன இரண்டு ரத்தினங்கள்... 1.எனது நேர்மை 2.எனது சுயமரியாதை என்றான் கம்பீரமாக சிறிது கர்வமாகக் கூட. நேர்மையாளனாக வாழ்வது பெரிய விஷயமல்ல. தவறு செய்யக்கூடிய சந்தர்ப்பமும், வாய்ப்பும், வாய்த்தாலும் நேர்மையாக வாழ வேண்டும் வாழ்வில் ஒரு நாள் நேர்மையையாய் வாழ்ந்து பார்த்தால் அதன் ருசி உணர்ந்து விட்டால், நாம் எதற்காகவும் நேர்மையை இழக்க மாட்டோம். நேர்மை கூட ஒரு போதை தான், அதை அனுபவித்து விட்டால், அதற்கு அடிமையாகி அதிலிருந்து மீண்டு வர முடியாது - ஆனால் மன நிம்மதி கிடைக்கும்... Laugh a while... A grandson asked his grandpa one question while on the way back from school....* What is the difference between 'Wife' and 'Girlfriend'? Grandpa thought for a minute and Simplified the explanation like this; Listen Son: *Wife* is like a *TV* and *Girlfriend* is like a *MOBILE* At home you *watch* TV, but when you go out you *take* your MOBILE. Sometimes you *enjoy* TV, but most of the time, you *play* with your MOBILE. TV is (as good as) *free* for life, but for the MOBILE, if you don't *pay*, the services will be *terminated*. TV is *big, bulky* and most of the time *old*, But the MOBILE is *cute, slim, curvy, replaceable* and *portable*. Operational costs for TV is often *acceptable* but for the MOBILE, it is often *high* and *demanding*. TV has a *remote* but MOBILE *doesn't*. Most importantly, MOBILE is a *two-way communication* (you talk and listen), but with the TV, you *MUST only listen* (whether you want to or not)! Last but not least !!! Yet TVs are superior because TVs don't have *viruses*, but MOBILES often *do* And mobiles can be easily *hacked* or *stolen*.





I want to remember your face....

When Indian billionaire Ratanji Tata was asked by the radio presenter in a telephone interview:

"Sir, what do you remember when you got the happiest moment in life"?

Ratanji Tata said: "I have gone through four stages of happiness in life, and I finally understood the meaning of true happiness."

The first stage was to accumulate wealth and resources. But at this stage I didn't get the happiness I wanted.

Then came *the second stage* of collecting valuables and items.

But I realized that the effect of this thing is also temporary and the luster of precious things does not last long.

Then came *the third phase* of getting a big project.

That was when I had 95% of the diesel supply in India and Africa.

I was also the owner of the largest steel factory in India and Asia.

But even here I did not get the happiness that I had imagined.

The fourth step was when a friend of mine asked me to buy a wheelchairs for some disabled children. About 200 children.

At the behest of a friend, I immediately bought wheelchairs.

But the friend insisted that I go with him and hand over the wheelchairs to the children.

I got ready and went with him.

There I gave these children these wheelchairs with my own hands.

I saw a strange glow of happiness on the faces of these children.

I saw them all sitting in wheelchairs, walking and having fun.

It was as if they had reached a picnic spot, where they were sharing a winning gift.

I felt real happiness inside me. When I decided to leave, one of the kids grabbed my leg.

I tried to slowly release my legs, but the child looked at my face and held my legs tight. I leaned over and asked the child: "do you need anything else"?

The answer this kid gave me not only shocked me but also completely changed my outlook towards life.

This child said: *"I want to remember your face so that when I meet you in heaven, I can recognize you and thank you once again".*



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Management related....

Creative Writing Contest for the Readers.

Topic: " Indian Business Leaders should be more Creative and Innovative in their Business Strategies to compete globally ".... Your views in this statement ".

The Best article will be published in Volume 02 - 11th Publish (14th Noovember 2022), of the E Magazine. Their company's one page advertisement will be published free in the issue.

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





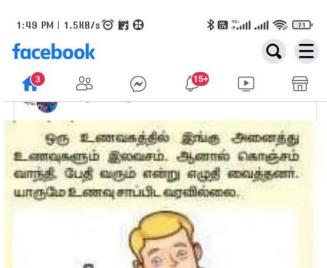
How dogs think **How cats think**





"They feed me, they care for me, they must be Gods"

"They feed me, they care for me, I must be God"



ஒரு பேருந்தில் இந்த பேருந்து இவவசம் – கட்டணமில்லை, நீங்கள் எங்கு வேண்டுமா ளாலும் பயனாம் செய்யலாம் - ஆனால் அடிக் கடி பிரேக் பிடிக்காது என்று எமுதி வைத்தனர். யாருமே பஸ்ஸில் ஏறவில்மை.

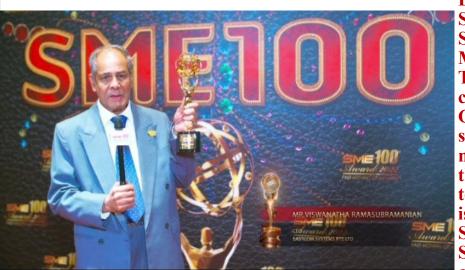
ஒரு மருத்துவமனையில் இங்கு அனை த்து சிகிச்சையும் இலவசம். ஆனால் உயிருக்கு உத்தரவாதமில்லை என்று எமுத் வைத்தனர். யாருமே சிகிச்சைக்கு வரவில்லை.

ஆனால் குடி குடியை கெடுக்கும், குடிப் பழக்கம் உடல் நலத்தைக் கெடுக்கும் என்று எமுகி வைக்கு விட்டு மதுவினை விற்றால் மட் டும் ஒரு நாளைக்கு 800 கோடிக்கு சரக்கு விற் பணையாகிறதாம். விந்தை மனிதர்கள்!



Unforgettable moments

* Mr. V. Ram Subramanian, TNo 2060 (Electronics) Founder CMD & CEO of



Eastcom Systems Pte Ltd., Singapore, active member of SMITAA and Life member of MITEA has been conferred the TOP 100 SME award to his company by the Singapore Government. He has been successfully running and managing the same for more than 3 decades. He has 11 IPs to his credit and the company is on fast growth strategy. Some of the notable clients are Singapore Airlines, DBS Bank and NUS Singapore. We, the

MITEA team wish him all success for all his future endeavors. More details: www.eastcom-systems.com

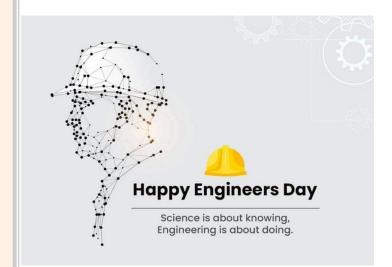


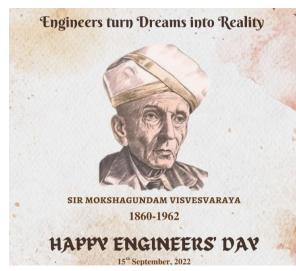
வார்த்தைகள்....

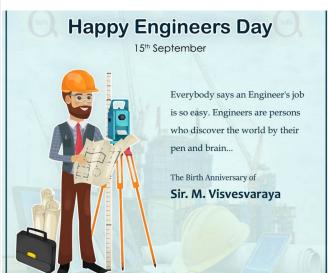
- 1. வார்த்தைகள் அமைதியை உண்டாக்கினால் அதன் பெயர் -
- *மந்திரம்*
- 2.செயல்கள் அமைதியை உண்டாக்கினால் அதன் பெயர் -
- *தந்திரம்*
- 3.ஓசை அமைதியை உண்டாக்கினால் அதன் பெயர் *இசை*
- 4. பார்வை அமைதியை உண்டாக்கினால் அதன் பெயர் *கடாக்ஷம்*
- 5.அமரும் நிலை அமைதியை உருவாக்கினால் அதன் பெயர் *யோகா*
- 6.மனம் அமைதியை உருவாக்கினால் அதன் பெயர்- *தியானம்*
- 7. சுவாசம் அமைதியை உருவாக்கினால் அதன் பெயர் *பிராணாயாமம்*
- 8.சக்தி அமைதியை உருவாக்கினால் அதன் பெயர் *குண்டலினி*
- 9. இடம் அமைதியை தருமானால் அதன் பெயர் *கோவில்*
- 10..உறவுகள் அமைதியைத் தரும் ஆனால் அதன் பெயர் *குடும்பம்*
- 11. தன்னுணர்வை இழப்பது அமைதியைத் தருமானால் அதன் பெயர் *அன்பு*
- 12. இறையன்பில் தன்னை இழப்பது அமைதியைத் தருமானால் அதன் பெயர் *பக்தி*



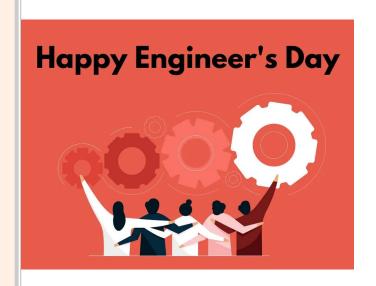
Happy Engineers Day....15th Sep 2022

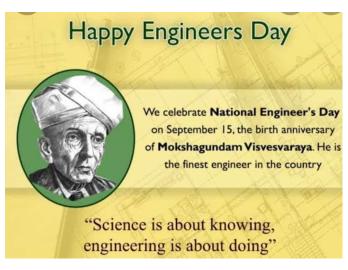






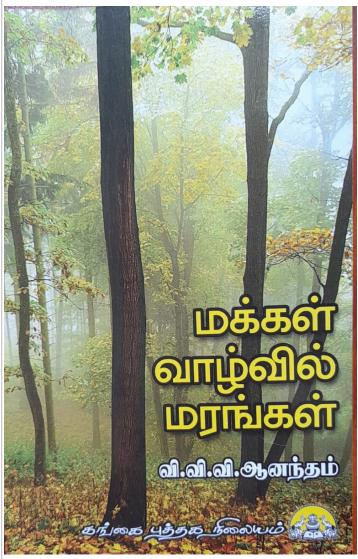








Book Review by Mr. S.V. Raman (23 rd Batch MITian IT)



Review of Tamizh Book 'Makkal Vaazhvil Marangal' (Role of Trees in the Lives of Humans) by V.V.V.Anandam (Gangai Puthaka Nilayam, Chennai 17. Rs 200/). Review by S.V.Raman.

The book begins with two bold statements: 'Trees will survive without Humans. But not the other way'; 'Trees are the soul of Nature'

Author Anandham has carried out elaborate research, reveals facts on trees as to how they contribute to humans & other species - stops soil erosion and thus prevent flooding; air purification; offer shelter & varieties of food for animal kingdom as well as humans; offering medicines; destroying poisonous organisms etc. He also quotes the quantification of monetary benefits of trees by Dr. Das of Kolkata, according to which, any tree, in its life time, offers benefits worth Rs 15.7 Lakhs, which includes generation of Oxygen, air purification, shelter for animals & birds etc. (In that reckoning, I think Trees would be the no. 1 in wealth generation in Global Fortune 500 companies, far above the second in that list).

He also describes the various types of forests (e.g. Littoral tropical evergreen, Dry, Mountain etc.), and dwells into details about the popular ones.

Anandham quotes from many saints— e.g. Poet saint Thiruvalluvar (31 BCE) Saint Thirumoolar (8th Century CE), as well as from ancient scriptures like Vishnu Puraana, which reveal that Indians had the awareness and knew the importance of trees several centuries ago (I find these are amazing). Most temples have designated a tree as the 'sthala vrutsham', which explains why they assigned Godliness and worshipped trees.

On the other hand, huge forests across India were destroyed to grow plantation by the British (I find that depressing).

To sum up, this well researched book reinforces the significance of trees in our lives and encourages us to rededicate ourselves for their preservation.



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