

## SITAA VOICE

**Seshasayee Institute of Technology Alumni Association**

**(SITAA) Regn.No. 202/2013**

S.I.T. Campus, Ariyamangalam, Tiruchirappalli-620010

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Issue June 2017



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Editorial Advisers: Dr.S.Sudharssanam, President & P.Srinivasan

**On 14-08-2017, SIT will be celebrating its Founder's day in the forenoon session followed by Annual General Body meeting of SITAA will be held in the afternoon. SITAA Members are requested to keep reserved this day for participation in both the events. Those who are from outstation they may plan in advance suitably.**

**Dear SITians,**

I am glad to present this issue of SITAA VOICE of first quarter of academic year 2017-18.

All alumni must be happy to know that the inauguration of first year classes took place on 19<sup>th</sup> June 2017. A top scorer with 491 out of 500 in SSLC has taken admission in SIT in the Mechanical Branch. 69 students scored marks in the band, 450 to 491 out of 500, joined our institution.

Sri.R.Mananathan, 1965 Mechanical Alumnus celebrated 30 years service of his organisation, MANATEC. This has been highly projected in the magazine "MOTOR INDIA" of May 2017 issue. SIT & SITAA are proud of our Alumnus Sri.R.Mananathan. We wish his organisation to earn lot more laurels. A clip from "MOTOR INDIA" May, 2017 issue can be seen in the latter pages. To know the various activities of SIT and SITAA, Please read on....

Your SITian,

G.M.Rajendran  
(Editor)



Dr.S.Sudharssanam, President handing over a cheque for Rs.3.5 lakhs to Sri.S.Sangappillai, Principal, SIT for the purpose of a Project – Refrigeration & Air Conditioning laboratory in SIT - This is the first cheque issued from SITAA to SIT for a new development project

FIRST YEAR INAUGURATION

The inaugural function of the first year Diploma programme classes of the academic year 2017-2018 was organized at Seshasayee Institute of Technology on 19.06.2017. Dr.S.Sudharssanam, Hon. Secretary presided over the function. During his address, he mentioned that the inauguration day was a “Holy day for S.I.T.” since it commenced the classes for nearly 300 budding future bright Engineers. He emphasized on the new entrants to fulfill the vision of the Institution’s legendary Founder (Late) Thiru. V.Seshasayee by excelling in their studies with high dedication and involvement for the betterment of the society. Thiru. S.V.Srinivasan, General Manager (Out Sourcing), B.H.E.L., Trichy – 14 an outstanding Engineer throughout his career, was the Chief Guest of the function. During his Inaugural address, he emphasized that students should follow the moral values and there should not be any compromise in it. He urged the students to get 100 % attendance for their classes and to apply the concepts they learn into practice. He asked the students to shoulder social responsibilities not only for their betterment but also for the society. He advised the students to be constructive and productive in their actions for their continuous improvement. He also told the students to protect the environment and ecology. Thiru.G.M.Rajendran, Thiru.R.Kanagasabapathy and Thiru. M.Duraivel. illustrious Alumni of S.I.T. offered felicitations to the freshers. Thiru.S.Sangappillai, Principal welcomed the freshers and their parents. Thiru.N.Raju Vice - Principal proposed vote of thanks.



**Thiru. S.V.Srinivasan, Chief Guest Lighting the Kutthu Vilakku**





**Thiru. S.V.Srinivasan delivering the Inaugural address**

**MOTOR INDIA** a monthly magazine dedicated to Automobile Industries in its May 2017 issue has highlighted “MANATEC Electronics Pvt Ltd” of its high ended R & D and service to the Automotive Industry for the last thirty years. It is really nostalgic for SIT and SITAA to feel proud of the note worthy contribution of one of our Alumni Sri.R.Mananathan. let us all join in wishing all the best in the coming years through the dedication, vision and service of Sri.R.Mananathan and his illustrious son Sri.Kalichelvan Mananathan. A clip from “MOTOR INDIA” of its article in original form is below. SITAA also thanks MOTOR INDIA for publishing this in our news letter.

# MOTORINDIA

India's largest circulated & most widely read automotive monthly. Estd. 1956

**MAHLE Service Solutions**  
rolled out in Indian market



**Maniar & Co.** optimizing  
waste management space



**Morris Lubricants - George Oakes**  
synergy, a perfect amalgamation



This edition presented by

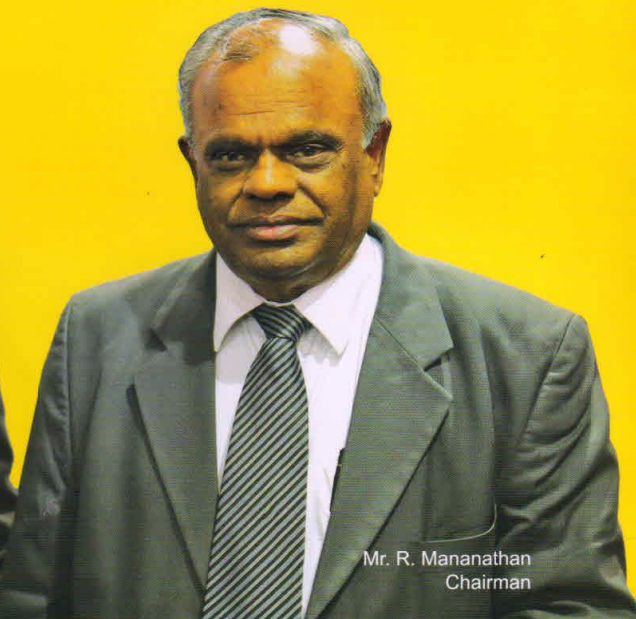


## MANATEC

*30 years of  
Indian Innovation*



Mr. Kalaiichelvan Mananathan,  
Managing Director



Mr. R. Mananathan  
Chairman



on **KFT Logistics**

**POWERED BY**





# MANATEC

## 30 years of Indian Innovation

Home-grown garage equipment maker leverages indigenous technology to set the pace in both local and global markets

By S. Anantharaman

*It's not often one comes across a midsize engineering company operating in a niche field of the old economy sphere and exporting its products to around 65 countries – a pleasant surprise indeed. The same turns into an admiration upon learning further that they have been recipient of several awards for their performance excellence from various Government of India organisations; and bagging for the last 10 consecutive years, the prestigious Export Excellence Award of EEPC. More importantly all of the ovation for the accolades get enveloped by the pride factor when we ingest the facts that the company's in-house R&D is a Government of India recognized set-up, addressing local and export market requirements thro' homegrown technology and that they have recently launched their 'world's first product' in the segment – a laudable performance indeed. Well, the company is Manatec Electronics Pvt. Ltd., based in the Union Territory of Puducherry and its success story in the auto garage equipment segment, especially in the wheel alignment and balancing areas has been scripted by Mr. R. Mananathan, Chairman, a first generation entrepreneur and ably supported by his son Mr. Kalaiichelvan Mananathan, Managing Director.*

Manatec celebrated on May 7, 2017, their 30th anniversary of operations by organising a special function at their Karikalampakkam factory, same attended by the company staff, workers, special invitees and other well-wishers. Chief Guest at the function was Mr. V. Narayanasamy, Puducherry Chief Minister, and Guest of honour Mr. M. Kandaswamy, Puducherry Welfare Minister. It was definitely an occasion to rejoice especially considering the event coming on the heels of their 'world's first product launch of Jumbo 3D Super wheel aligner for multi-axle trucks, buses & trailers' on April 28, 2017 at Sankagiri, Salem, T.N. One could sense the justifiable pride of the team members in having achieved this commendable feat thro' their stellar R&D efforts.

### Journey with a mission

Welcoming the Chief Guest, Guest of honour, dignitaries and others attending the program Mr. S. Vijayaragavan, Director (Domestic Business), gave a brief history of the company operations and as to how it was started by their Chairman way back in 1987. He said: "Our Chairman Shri. Mananathan, from an agricultural family in Puducherry with modest background had to settle for a diploma course in education due to funds constraint. After completing studies, he worked in a couple of companies before taking up employment in Neyveli Lignite Corporation. He completed his



## COVER STORY

This edition presented by



Committed to Mobility & Growth



# Jumbo 3D

World's 1<sup>st</sup> 3D Wheel Alignment for Bus & Trucks  
capable to handle ROC upto 5 axles



Mr. R. Mananathan, Chairman (right) and Mr. Kalaiichelvan Mananathan, Managing Director, Manatec Electronics Pvt. Ltd.

AMIE part-time during his stint in NLC and after about 15 years of service, took up a Gulf assignment in 1980. He worked there for about 7 years and then returned to India with a mission to start his own venture. Initial foray of the company Manatec started by him in 1987 was into shaft alignment systems and later when the opportunities came up in big way with the opening of economy during early 1990s, ventured into manufacturing automotive garage equipment."

The company's growth philosophy was based on in-house R&D and several products were added on to meet market's acceptance and demand for their competitive and quality products. The company's special focus on wheel balancers and alignment equipment opened up the exports market in a big way and raised Manatec's operations to the next orbit. Apart from wheel balancers & aligners, they also took up the manufacture tyre changers, exhaust gas analysers, smoke detectors, auto lifts to name a few from their product program. To cater

to the expanding global and local market needs, they built a sprawling new factory at Karikalampakkam. Mr. Vijayaragavan also listed out the multitude awards bagged by the company for their performance and quality standards during their three decade journey.

### Challenges for industries

Delivering the Chairman's address, Mr. Manathan thanked the CM and Minister for accepting to grace the occasion. He indicated that the pro-industrial approach of the Government was the need of the hour to reduce unemployment and ensure that India can compete on equal terms with the overseas companies. He continued: "Honourable CM, I am sincere in applauding the clarity and specifics in the industrial policy released by your Government. I have interacted with your goodself in the past and know well about your bias for the industrialisation. We are fortunate to have a CM who is committed to industrial growth for the prosperity of the Union





At Manatec's 30th anniversary function are (from left) Mr. Ajoy Shah, Training Head - Marketing & Sales, JK Tyre, Mr. R. Mananathan, Mr. V. Narayanasamy, Puducherry Chief Minister, Mr. M. Kandaswamy, Puducherry Welfare Minister, and Mr. Kalaiichelvan Mananathan

Territory. However I would like to indicate here the various hurdles being faced by industrialists like us due to the red tapism of the bureaucracy. Getting clearances and licences for various development activities is a cumbersome procedure – a specific example is our license application for switch over to HT from the current LT that has been pending for the last 2 years with

the PWD and Electricity Board. I am optimistic that under your Government such hurdles will be removed and to start with a single window for electricity connection implemented; and this first step will be a great move in the right direction."

He added: "Industries pay so many types of taxes to the Government and the officers at various levels are oblivious of

## Jumbo 3D Super – Manatec's revolutionary wheel aligner for trucks, buses & trailers

"We are proud to launch our made in India Jumbo 3D Super wheel aligner, world's first of its type product in the segment for global customer applications. As always, this product too has been totally developed by Manatec's in-house R&D efforts. The same should contribute significantly to the quality, reliability and productivity aspects thereby ensuring a better ROI for the service providers and end users. It gives us immense pleasure to launch this product in one of India's important centres for trucking and bus body building related services, Sankagiri, T.N," said Mr. R. Mananathan, Chairman, Manatec Electronics Pvt. Ltd., Puducherry.

The launch function on April 28, 2017 was attended by company staff, dealers, customers and vendors associated with Manatec. Chief





## COVER STORY

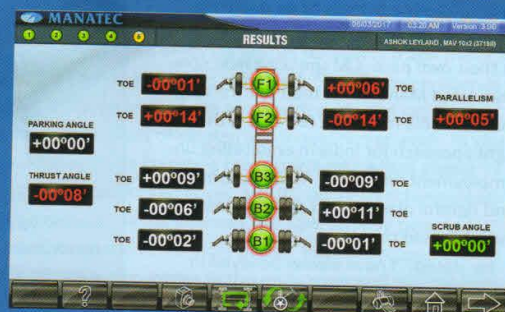
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**MG**  
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Committed to Mobility & Growth

Guest for the event was Mr. M.R. Kumaraswamy, President - State Lorry Owners Federation, Tamil Nadu, and Special Guests included Presidents from various other Lorry Owners Associations in and around the Sankagiri region. Mr. Kalaiichelvan Mananathan, Managing Director, Manatec, welcomed the guests and all others assembled for the launch event and gave a presentation about the journey of Manatec since inception in 1987. As regards Jumbo 3D Super he stated: "Welcome to the future. We are offering a high-tech solution in the alignment segment thro' this product. Wheel alignment essentially increases the tyre life and cuts down fuel costs apart from providing a safe and comfortable vehicle steering - all of which go to providing a better return on tyre investment for the operator."

Speaking about the product features and the advantages Mr. S. Vijayaragavan, Director (Domestic Business), explained that wheel alignment results for multi-axle vehicle can be completed in under 3 min. Driver sits in the vehicle and Runout carried out by driving the vehicle. Jumbo 3D Super is supplied with 10 targets and integrated wheel brackets. It enables the end user to measure results of all 5 axles simultaneously. The key features include one shot Runout compensation of all 5 axles and one shot caster swing for twin steer axles. The same leads to quick results ensuring thus high productivity and cutting labour costs by significant time saving. The equipment uses latest innovative digital-imaging technology by deploying quad camera system for data acquisition. High resolution digital cameras 2 per side operate with intelligent software & capture seamless images of targets.

Mr. Kumaraswamy launched the product with typical razzmatazz for the invitees to see the impressive equipment displayed. Mr. Mananathan delivering the Chairman's address, thanked the Chief Guest, Special Guests and others from various segments of the industry. He mentioned: "Upon developing indigenously the wheel aligner using the prevalent CCD technology during 1997, we wanted to validate the benefits before entering the market. In this regard, we approached the MD of Thanthai Periar Transport Corporation, Villupuram, with our new equipment and explained its benefits for the fleet operator. Impressed, he allotted us 3 buses running between Chennai and Puducherry for the validation exercise. The buses used to return back to the shed at 10 pm and subsequently our team did the alignment at the workshop; the alignment procedure was repeated every fortnight. The tyres that ran for 45,000 to 50,000 km gave 70% higher life and the results were appreciated by him. After the above application tests, we started supplying our products to various transport corporations



but the mind-set at that time was such that they continued to use the conventional methods and not our wheel aligners. A fleet operator having 10 trucks would give his Maruti car for servicing at the company run workshop but entrust the trucks that gave him returns for his livelihood to a road side mechanic/workshop for repairs including alignment. However with the rapid development of auto sector and entry of many leading players, the situation changed. The sector picked up in a big way and we started introducing various models for applications in the CV domain."

Mr. Kumaraswamy during his brief address, congratulated Manatec for the feats and said would look forward to the new product providing useful service to the fleet operators by improving the ROI in a competitive area. Manatec had also exhibited the equipment and truck with target plates attached to demonstrate the features and operations. The crowd at the demo section was a clear sign of the increasing interest in alignment operations and specifically of course in Manatec's products for the applications. Watch out for many more innovative and 'world's first products' from the stable of Manatec; and for sure Manatec is going to stay put on the centre stage of the auto component segment in the years to come.



the same. They must get the message that prosperity can become a reality only if more industries come to Puducherry and the existing ones go for expansions in the same place rather looking out for other places to put up their plant. Today the competition especially from the China is very stiff and at Manatec we have consciously taken a decision to move out of some product segments because of the price issues. Our focus today is more on our core strength of electronics and innovative precision manufacturing."

#### Growth mantras

Minister of Welfare who spoke after the Chairman extended his best wishes for the future growth of Manatec; and agreed to look into the hiccups to be overcome regarding the bureaucracy used to working at their own pace. CM speaking next congratulated Manatec for their anniversary, make in India route and felt that is the right approach for India in eradicating unemployment and taking its well-deserved and rightful place amidst the progressive industrialised countries.

He stated: "I have always believed in innovation, R&D and make in India route for the progress of the nation. During my MP tenure and as Minister of State serving under former Prime Minister Dr. Manmohan Singh-led Government, I was attached to Space and Atomic energy areas. ISRO and Koodankulam are standing examples of the above approach in contributing to the all-round growth. Industries should be given top priority in eradicating unemployment and in this regard, we have taken many measures to put Puducherry back on track. Yes, the points about bureaucracy have been noted and to set it alright, we are having several meetings with them and monitoring the projects being handled. Vibrant infrastructure is also a key input for industrial growth and to attract FDI. In this regard, Puducherry can expect direct air travel linkage to various cities and container handling satellite port very soon. Also companies from various countries have evinced investment interest in

## "3D alignment is the future in CV world and we are proud this technology emerges from India"

– Kalaiichelvan Mananathan



"We truly believe 3D alignment is the future in CV world and we are proud this technology emerges from India," says Mr. Kalaiichelvan Mananathan, Managing Director, during his interactions following the important milestones recently crossed – Jumbo 3D launch and 30th anniversary celebrations of the company; excerpts of the above follow.

#### Can you provide the salient features of Jumbo 3D Super wheel aligner and the importance of it being world's first?

Until now, Wheel alignment for CVs world over, is done using CCD technology. This means mounting electronic sensor heads on all the wheels to measure alignment angles.

Now compare this with our latest innovation, Wheel alignment using 3D measuring technology. No electronic sensors on wheels. Only chequered targets made of aluminium.

Time taken for a 5 axle alignment measurement using CCD technology is 35 minutes, whereas time taken using 3D technology is just 5 mins. An impressive 7 times faster! Runout measurements can be completed in 51 secs compared to 36 mins in CCD technology, a whopping 36 times faster. This is productivity at its best.

Add to this, reduced service & spares cost, since electronics on wheels are totally eliminated.

#### Kindly highlight the need for wheel alignment and its acceptance in the CV sector.

Let me start by saying bus & truck alignment awareness is spreading fast like never before in India. The fact that regular wheel alignment every 15,000 km, results in 50 per cent average tyre cost savings and approx. 5 per cent fuel cost savings.

For example, a company with a fleet of 100 CVs can save more than one crore per annum if they do wheel alignment regularly. A company with 500 vehicles can save many crores. This savings is huge and cannot be ignored.

Indirectly, regular alignment results in reducing vehicular pollution since less fuel



is consumed due to controlled steering.

All the above facts have struck chord with large fleet operators and other stakeholders. After all we are talking about savings in crores of rupees here. Hence I'm pretty sure, CV alignment will gain lot of traction going forward.

**Brief us the basic alignment data/results collected and corrected. Also indicate the USPs of the Jumbo 3D & its choice for applications over the earlier version.**

Most important angles like Toe, Parallelism, Thrust Angle & Scrub Angle are measured and displayed in our 3D machine. The productivity is compared in measurement time only. Correction of angles is always a manual work and depends on the technician.

Most significant USPs of a 3D system is 'no electronics on wheels' & 'impressive time savings'. These USPs result in many direct & indirect benefits like manpower savings, ROI increase, service & spares cost savings among others.

Jumbo 3D will serve to the segments which needs high productivity & efficiency and looking to embrace next generation technology in wheel alignment. Our CCD wheel aligner Jumbo 9000 serves to segment which handles less traffic in alignment at economical costs.

**Comment on the suitability of Jumbo 3D to handle cars as well. Do you undertake projects in alignment exercise at OEM's works?**

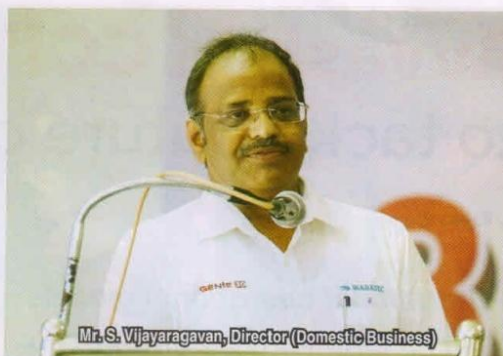
Jumbo 3D's compatibility to do alignment for cars also, must be seen as a complementary feature and not as a universal solution. Market for CV alignment, be it CV workshops or CV tyre outlets, are focussing on CV service as their mainstay and car service is not considered actively in the same roof. However for independent alignment centres, compatibility with cars will be an added advantage to increase revenues.

Leveraging our years of design experience in the field of wheel alignment, we have implemented a customised solution for TOE angle setting in the assembly line of OEMs. So far the only solution was to import such equipment at high cost. But this has changed now with our solution.

**How do you compete in general against the local companies marketing imported products of your range? Can you indicate plans for the road ahead?**

Manatec is a "Make in India" company from the day one with in-house R&D infrastructure producing import substitute products. Other trading companies who are importing and selling in India lack technological expertise to offer knowledgeable service. Economical spares, timely & knowledgeable service combined with latest technology at affordable cost differentiates MANATEC from others.

The vision of the company is to increase the domestic market share from 30% to 50% and to enhance the export distribution network from 65 countries to 150 countries within a span of 2 years. So, it will increase our market share globally by 10%.



Mr. S. Vijayaragavan, Director (Domestic Business)

Puducherry. We have good educational institutions, hospitals and conducive policies to attract FDI and all of the above should put Puducherry as the preferred location for starting industries."

#### Expanding global footprint

Delivering the valedictory address, Mr. Kalaiichelvan thanked the CM, Minister and other dignitaries for having made the occasion a memorable one. He remarked: "Today's celebration is a happy occasion and we can recall with pride and satisfaction the 30 glorious years of passion and innovation at work. As you are aware, we have launched the 'world's first wheel aligner for multi-axle trucks and buses' and it's no mean achievement. To protect our business interests, we have already patented it in USA, Europe and some more places. We have pipped even the industrialised countries in this endeavour and this has been achieved thro' the combined efforts of the Manatec team members. As for the future course, I would like to increase our international reach and chalk out the roadmap to meet the 5 year vision. Apart from new models and project based work in the alignment segment, we are also looking at introducing down the timeline new products like tyre pressure monitoring systems and rear view cameras for cars synergic with our R&D work."

He also disclosed about the goal to become an important global player in the auto component business; and while focus on growth in their standard product lines will continue, adding on new products to address the future markets is the way to go and he will be working on these expansion plans. Manatec is a company leaning heavily on innovation and R&D to forge ahead. Vision and mission statements are in place and the company is steered at the helm by focussed promoters working with a missionary zeal. Having an enthusiastic team of dedicated and creative knowledge workers well supported by others in various functional areas, the company is bound to scale new peaks in its operating realm; and keep the Indian flag flying high on the global scene thro' their impressive product offerings for the demanding industry needs.

**Dr.S.Sudharssanam, President, SITAA sent a Greetings message to Sri.R.Mananathan.  
Reply from Sri.R.Mananathan is as below.**

Forwarded message -----

From: **MD** <[md@manatec.in](mailto:md@manatec.in)>  
Date: Wed, Jun 21, 2017 at 12:38 PM  
Subject: RE: CONGRATULATIONS  
To: Sudharssanam S <[drss1945@gmail.com](mailto:drss1945@gmail.com)>

Dear Mr.Sudassanam,

Thanks a lot for your wishes! Everything is because of SIT.

Regards,

R.Mananathan

**From:** Sudharssanam S [mailto:[drss1945@gmail.com](mailto:drss1945@gmail.com)]  
**Sent:** 20 June 2017 16:02  
**To:** MD  
**Subject:** CONGRATULATIONS

Dear Mr.Mananathan,

I saw MOTORINDIA- May '17 issue. Congratulations for the due recognition achieved.  
My greetings to your son Mr.Kalaichelvan also.

I tried to reach you on phone but could not.

Best Wishes

--

Regards  
Dr.S.Sudharssanam

**SITAA VOICE will be too glad to share such recognition.**

**Members are requested to send us such noteworthy attainments of our Alumni for dissemination through SITAAVOICE to our members. SITAA VOICE will be glad to reserve a space for such recognitions in the forthcoming issues.**



## **The Indian Economy ahead... the Entrepreneurship advantage by**



Rengarajan S, Alumnus Mechanical 1981 Batch

### **The GDP forecast and its outlook in 2017:**

There have been several diverse opinions on the likely GDP and Growth projections for 2017 and 2018, in the aftermath of perceived negativity due to liquidity crunch, post financial decisions by the RBI and Central Government in India. Then global financial analysts and World Bank have given a positive outlook to the economy ahead in India with job creation in core sectors.

India seems to be on a good turf from the global perspectives due to relative negativity in lower growth forecast in China and downtrend in European economy for several political reasons and the Middle East happenings raising Defence spending against terrorism.

On the India side, there are several policy initiatives and focus on growth driven spending thrust in the Central Government budget and in bringing Railways in to the unified single umbrella of surface Transport. This breakthrough initiative has given fillip to the Transport sectors for expeditious project outlays and infrastructure creation across the demographics. A brief look at these factors reveal positive outlook.

The banking sector will add influencing support to the Industrial growth with funds largely available to lending and ease of doing business with exit facilitation for the non-performing assets from the budget support assured. Consolidation in the banking industry will bring in digital transformation and efficiency factors to bring down the risk on loans and defaults.

Agriculture output in recent harvest is heartening to see bumper production of cereals and pulses as well as major grains of consumption. Stable Governments across states give better administration and development agenda put in place to support policies of the Central Government. However, the draught reported in some states is a cause for concern to few agriculture states in South India.

### **The visible drivers of economic growth in Transport sectors;**

The thrust in investment support from the Central and State Governments on development agenda is driving the fast-paced road infrastructure development and penetration of roads to rural and village connectivity with cities and district towns across the Indian states. This development focus will continue in view of the GDP growth forecast desired, thus helping the Automotive industry with demand drivers on the positive outlook.

The prospects of growth is seen largely on the Automobile - Commercial vehicle segment in the higher tonnage haulage carriers and tippers for the infrastructure creation and thus pushing manufacturing in to better volumes and prospects of growth phase in the next few

years, adding more employment and helping business growth across core sectors like steel, power and logistics.

The Indian bus industry segment is poised to grow with demand for new buses in newer routes catering the growing passenger traffic and replacement of old buses with vehicle scrapping policy envisaged by the statutory authorities. This will improve the volumes and business growth for bus industry. The new Bus Code, AIS 052 implementation will support the demand for homologated buses from OEMs gaining the foothold in STUs with fully built buses and certified bus body builders would cater largely to the private bus operators.

The growth forecast in industry will get a boost with the implementation of GST across India from July, 2017, thus bringing the interstate sales of goods to a common platform of unified taxation and removal of hitherto inherent barriers to movement of goods which incur higher incidence of local taxes along with excise duty impact. GST is likely to visualize the lowering of the cost of goods and rationalize the logistics across many industry segments. This can help the manufacturing firms with demand for goods across the geographies and therefore the Commercial vehicle industry will gain largely from the positive outlook.

Personal vehicle segments like 2 wheelers and cars will gain from the GST implementation and forecast is to have a good growth in the next couple of years from 2017 and firms with capacity stand to capitalize the opportunity available. The market share will then depend on the 'cost of delivered goods' with quality, trouble free performance, warranty coverage, after sales service support and spares availability influencing the brand loyalty. The product reliability will be designed to perform in sync with the warranty coverage offered by the Firms and customer satisfaction becoming the basic influencer of the market forces.

Railways will focus more spending on track renewal, rolling stock replenishments, safety enhancement to prevent accidents, fire proof coaches, high speed corridors, freight trains in dedicated sectors and thrust on the efficiency and productivity while route additions and capacity creation may stay on lower pace. The revenue and profitability for Railways can at best come from ingenious ways than raising fares. Therefore, Railways may not add much on the GDP immediately.

" This financial year has opened on a very positive note with Goods & Services Tax becoming almost a reality. At the same time passenger vehicles sales, have touched an all-time high of 3 million in FY16-17. This comes as a major relief for the automotive industry specially after the adverse effects of demonetization.

While pressure on two-wheelers and commercial vehicles is also expected to wane out with implementation of GST and improving situation in the rural market on back of good monsoon. The timely arrival of monsoon has already brought cheer in the market. Minor increase in the raw-material cost in the last few months and job losses in the IT sector remain a cause of concern for the industry as they might impact the demand. "

Sum up;

The GDP and growth drivers seen from above perspectives give optimism for job creation and income generation across economic strata and population spread. Agriculture and monsoon will always play critical influencing parts in many states and hopefully the year goes well in that perspective still depends on divinely factors..!



**Rush Rush Rush**

**TIME BOUND**

### **SIT RATNA Awards – 2017**

**EC of SITAA at its meeting held on 01-05-2017 decided that starting from this year we may seek nominations for identifying SIT RATNA Awardees. Hence members are requested to send to Secretary, SITAA, names of Alumni who have peaked in their profession along with detailed CV and his PP Photo. Nominations with complete details should reach Secretary, SITAA in his email id on or before 15-07-2017 to enable SITAA to select candidates for the award to be presented on 14<sup>th</sup> August 2017**

### **IMPORTANT NOTICE – ISSUE OF IDENTITY CARD TO MEMBERS OF SITAA**

You are aware that we will be nearing the successful completion of 4 years after formation of Registered SIT Alumni Association by forthcoming September.

All Officer Bearers felt that SITAA members should have SIT Alumni Association Membership Card (Identity Card) in line with other institutions.

While discussing this issue, office bearers felt that the minimum details required to be furnished in the Identity Cards, are not available with SITAA, for most of the Alumni

Therefore SITAA Members are requested to go through the SITAA WEB SITE <[www.sitalumni.in](http://www.sitalumni.in)> for the Alumni details, and the individual details may be verified.

You can send the full details like full name, address, Year of passing, branch, blood group, passport size photo in jpg format, etc. to the email ID <[sitaa202.2013@gmail.com](mailto:sitaa202.2013@gmail.com)> immediately.

All Alumni are requested to extend full co-operation for a successful mission of issuing the SITAA Identity Card to all registered with SITAA at the earliest

## CELEBRATION OF INTERNATIONAL YOGA DAY IN SIT ON 21-06-2017

Captain.K.Vijayakumar, NCC Officer, SD, ARMY, Senior Lecturer Department of Mechanical Engineering organized the celebration of International Yoga day at SIT on 21-06-2017







Trichy City Corporation and NSS Unit of SIT organized Environmental Rally on 05-06-2017



REFRIGERATION AND AIR CONDITIONING LABORATORY –SITAA FUNDING PROJECT

Roofing of Mechanical Engineering & Civil Engineering laboratories have been re-laid with Galvalum sheets. Thus the leaky roofing stands rectified.



Mechanical Engineering Workshop



Civil Engineering Laboratory

### *Quotes*

Survival of Fittest:

“The Survival of Fittest is the Ageless Law of Nature , But the fittest are rarely the Strong , The fittest are those endowed with the qualifications for Adaption, the ability to Accept the inevitable and conform to the unavoidable, to harmonize the existing or Changing Conditions” by Samuel Johnson

“Oh God - Please Grant me the Spark to Imagine , the Daring to Innovate , the Discipline to Plan , the Skill to do , the Will to Achieve , the Commitment to be Responsible , the Leadership to Motivate” by Richard S Sloma

I express my sincere thanks and appreciation to Dr.S.Sudharssanam, President, Sri.M.Duraivel, Secretary and Sri.S.Sangappillai, Principal SIT for their continued support and cooperation in bringing out SITAA VOICE. I also thank all members of editorial board.

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