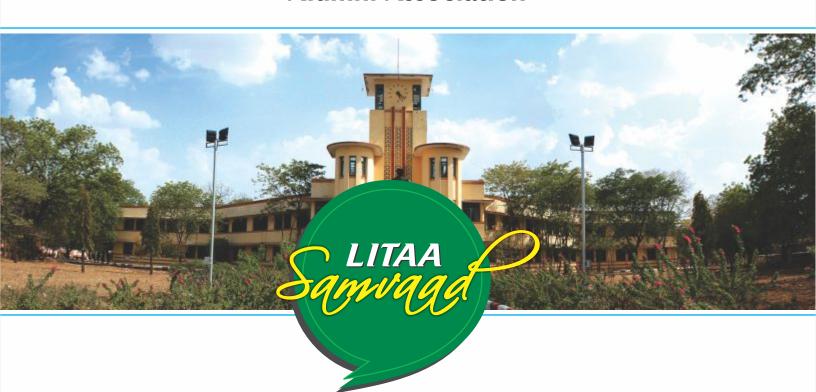


Laxminarayan Institute Of Technology Alumni Association



Connecting Global LIT Alumni Community...



(5thJune)





Rahul Wankhede Regional Officer, Maharashtra Pollution Control Board, Batch - 1986

स्वतः पलीकडे

नद्या वाहती प्रदूषणाचा महापूर । श्वासांशी खेळतो उद्योगांचा, वाहनांचा धूर ।।

किनाऱ्यांच्या काकुळत्वा हाकेला घाणीचे अलिंगन। हिरवळींच्या सुकुमारतेवर गोंदले काजळी वंगण।।

विकासाच्या वहनात केला निसर्ग संतुलनाचा चोळामोळा। उद्ध्वस्तली सृष्टी पाणवला पाखरांचा डोळा।।

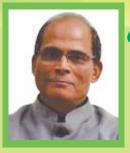
पैशांच्या उष्म्यात वितळली वसुंधरेच्या रक्षणाची संवेदना। येणाऱ्या पिढ्यांच्या पदरी बांधतो आहोत जीवघेणी वेदना।।

वाऱ्याच्या विशुध्दतेला समुद्र, नदीच्या शुध्दतेला। मातीच्या जन्मदायी विधीवत्तेला जोपासू स्वतः पलीकडे।।

अन्यथा भविष्य अंधारून इतिहास बघेल। आपणाकडे वाकडे।।



From Chairman's Desk



Ajay K. Deshpande Batch - 1979

This 2nd edition of LITAA Samvaad is dedicated to Mother Nature. The launch of this quarterly newsletter on 28th April at the hands of Mr. Prakash Mujumdar, Mr. Ashok Rathi, Mr. Anant Kamthikar and Dr. Raju Mankar marked a significant milestone in our journey. The launch followed by a family get-together, full of bonhomie and fellowship was crisply organized by Utkarsh Khopkar, Sachin Palsokar, Amalesh Purohit and whole-heartedly supported by all of you.

LIT Canteen, a place that takes us all down the memory lane, was renovated and given a contemporary and a vibrant look. Architech Mrs. Sneha Palsokar put in outstanding efforts to complete this project in record time. The canteen was re-opened at the hands of Hon'ble Vice Chancellor of RTM Nagpur University, Dr. S. P. Kane. I am thankful to LITAA North Chapter with highest single contribution from Mr Shyam Bang, Batch of B. Tech. 1983 and all other donors and members for the stupendous support extended to this project.

A Tree Plantation drive was conducted on 27th July. Mr. Shrikant Gudadhe spearheaded this event under the guidance of Dr. Raju

Mankar and support from faculty and students to plant 150 trees across LIT.

I am happy to share that all the above projects were implemented as self-sustained activities through project-specific funding in the forms of generous donations from LITAA members. We have kept our corpus funds fixed deposits completely intact.

Team LITAA, led by our past Chairman Mr. K. N. Seetha and Mr. Pradeep Khandewal met Hon'able Mr. Nitin Gadkari and sought his to make LIT a centrally funded institute. Hon'ble Vice Chancellor of RTM Nagpur University has extended his full support to this cause through an appeal to Hon'ble Union HRD minister to transform LIT into "Deemed To Be University".

Another major initiative is the proposed Incubation Centre with active engagement from Mr. Vinod Kolkatwar and Mr. Pravin Charde. Currently in the nascent stage, this initiative is gathering spontaneous support from all.

I thank all the members, the Executive Committee and specifically Dr. Raju Mankar, Director LIT for their total and constant support in implementation of these projects and further request all to ideate and lead new projects aligned with our objectives that could be taken up by LITAA.

Professor (Dr.)
Raju B. Mankar
Director
Laxminarayan Institute
of Technology

From Patron's Desk

LITAA Samvaad, right from its concept to launch of the 1st issue, created a buzz and engaged all. This unique initiative to build a connected network of LITians has now stabilised with this 2nd issue, that uses an apt theme of Environment and Water & Waste Treatment. Many of us are actively working in this domain and I am glad to note technical contributions from alumni. LIT, through its curriculum and culture, strives to inculcate stewardship of environment amongst students and contribute towards building sustainable world.

The last quarter witnessed a flurry of activities and events – canteen renovation, tree plantation, student guidance sessions by Mr. Vinod Kalkotwar, 1982 batch. I am glad to share that LITAA's support and contribution to such activities and constant engagement to ideate for any development at LIT help us succeed as a team. Like always, my best wishes to Team LITAA for the work they put in. I am confident that the legacy bestowed upon us by the divine donor will continue to guide us through this quest to scale newer heights of academic and institutional excellence.

The new academic session has begun. Also the campus interview season has started for the final year students. I appeal to all Fellow Litians to help and support in Campus Placements and also participate in LIT and LITAA interface. Thanks and looking forward for your continued support as before.

From Editor's Desk



Sachin Palsokar Batch - 1995

Thank you all for the great response to the first Issue of LITAA Samvaad, our quarterly newsletter. The central concept behind LITAA Samvaad was to create an 'always connected' world of LITians leading to greater cohesion and a strong "One LITAA Family". The feedback and support received is a reward for being able to deliver on the concept.

The theme of this 2nd issue of LITAA Samvaad is "Environment, Water and Waste Treatment", to mark the World Environment Day. This issue features articles by our own LITians on the above captioned theme.

This Newsletter will help in connecting the 2000+ registered alumni across the globe and will showcase LITAA and LIT alike thereby building strong fellowship within this family for generations to come.

I again appeal to everyone to please contribute to the newsletter – share your latest achievements, knowledge, and also support by way of advertisement. Your involvement, contribution, and suggestions are invaluable.

Thank you again for the overwhelming support and I look forward to the same for each issue of LITAA Samvaad.



WATER FOR BILLION + PEOPLE

India is a habitat for more than a billion people. Fundamentally, we are a Sujalam, Sufalam nation. However, the clean and healthy water availability in urban towns is worsening day by day. We do have a lot of water unlike countries such as Iran or Afghanistan. Even if we consider the Smart Cities, 84 of the 100 chosen cities have more than sufficient water with respect to the international norm of 135 lit per day per person. All these 82 cities are pumping more water than this. What is missing is accountability – responsibility to manage water efficiently.

The water available has always been enough but we have failed miserably in managing it by ignoring the maintenance part. Billions of rupees have been invested in setting up new systems but we have not maintained our old assets – pipelines, etc. We have not given thought to monitor the bulk water by putting flow meters, nor did we insist on measured delivery to the consumers by having house meters which are as low as 4%. This has resulted into over 50% losses from the network of each and every city. So, we are almost on the verge of a crisis but we can still avert it by ensuring an effective management of water by way of Integrated Urban Water Management.

Nagpur is a great example of Integrated Water Management where we are implementing two projects one is 24x7 Water Supply Project which has been recognized as Best Practice by Prime Minister Shri Narendra Modi in a Government of India function at the launch of AMRUT. In this PPP project, the mandate is to invest along with Government JnNURM Grants and convert the entire city of Nagpur into 24x7 water supply. 600kms of pipelines and the House Service Connections need to be replaced and new meters at 300,000+households have to be installed.

The network at some places is as old as 80-90+yrs. It is a time consuming, tough task and needs enormous amount of citizen onboarding. This is our USP. We call it 4P model with the 4thP being the People. You can go to any slum today in Nagpur and interact with people there; you can see the positive impact that the assured round the clock water supply has brought on their lives. They now get 6-8 hours of spare time free in a day which they earlier lost in their effort to fetch water in queuing up at the public stand posts, etc. Today, they have a piped connection with tap in their zuggis with 24 hour water supply. So, citizen support due to onboarding is one important thing in achieving the success in Nagpur.

We have achieved equitable water distribution where every part of the city gets 6-8 hours of water supply daily. More than 3lac people are receiving 24 hour supply and it is increasing day by day. The best part of this Contract is the sovereign rights of Connection, Disconnection and Tariff decisions are reserved with the public body. Our job is to treat, deliver it, bill it and collect for it and we get paid for the volume of water billed and collected for.

Nagpur is setting another example for the entire nation to follow. We are establishing a 200MLD Sewage Treatment Plant with 100% private funding through probably the largest PPP in sewage treatment.

The thumb-rule says that 80% of the potable water supplied to a city comes back as sewage. In India, we have only 30% sewage treatment capacity in the large cities and a mere 3% in smaller towns. This untreated sewage is posing hazard to the socio-environmental health of our country. In most of the cases, the cities take water from one source and the generated sewage from the same city pollutes the very same source. We do not have sufficient STPs in place and for the ones we have, we do not have sufficient budgets to maintain them. This reluctance is proving hazardous to our major rivers and lakes. For example, one of the major cities of UP, Kanpur has a capacity of only 170Million Liters per Day (MLD) of sewage treatment as against to the total generation of 400MLD. We release 15000Millon Liters of Municipal and Industrial Waste in Ganga every day.

A solution to this issue is the last link of the integrated approach i.e. Reuse. While considering sewage treatment more seriously and systematically what we really need to add to it is the reuse of the treated sewage. Again in Nagpur, this concept is being implemented. The sewage generated in the city is treated and this treated water is sold to the nearby Power Plants for their use for power generation. This is a start of another positive cycle. This creates a new source of revenue for the ULB and a perceived cost center is turned into a profit center. The power plants get an assured source of water, in absence of which they have to shut-down for a period of time every year. The water reserved for their use is released for drinking purpose of the city. Thus, an added quantity is available to serve to an added population.

The benefits of the projects are:

The ULB gets a 200 mld STP without any investment The water sale to Thermal Power Station ensures Swap of 200 mld additional water for the town

- A. Ensuring water for population growth of next 30-35 years
- ii. Revenue from the sale repays the CAPEX and Opex of STP
- iii. Contamination of fresh water source is eliminated

This completes the Integrated Urban Water Cycle.



These two projects path-breaking have a major thing in common and that is a robust model.

For years, the money has been expended in setting up infrastructural facilities whereas the major significant part that is the operations and sustainability of projects has been grossly neglected. This has ultimately resulted in total failure of the system and the citizens have chronically been deprived of basic water and sewage facilities. But now, the Government is realizing the sustainable way forward and better designed project are coming up, this has raised the hopes of a better future in water sector.

We need to insist on models which are sustainable, efficient and Accountable. The need for today is investment into replacing dilapidated infrastructure, but it should be through a model which is accountable. Accountability towards service deliverables is very important from the Government point of view and from the citizens' point of view.

In the three tier governance in India with Central, State and Urban Local Body, the water and sewage is the ULB's responsibility. Most of the ULBs does not have enough tax revenue / funds to invest in Network unless supported by central / state funds.

Implementation of these projects with innovative and robust models has opened a huge new market. In the smart cities alone, there's an investment scope of Rs.38,000Cr and in the sewage treatment it is another Rs.7,100Cr.

A strong business model with private participation, a robust revenue security for the investors through a balanced contract and strong administrative and political will are the basics for moving ahead on a sustainable path.



About the Author

Arun Lakhani

Chairman & Managing Director Vishvaraj Infrastructure Ltd. India

He is a Technocrat, Social Entrepreneur. He has done his M. Tech in Petro-Chem from LIT in 1982. He is pioneer in 24x7 water distribution program for 2.7 million population town of Nagpur. This project was acknowledged as best practice by Hon'ble Prime Minister Shri Narendra Modi. He is also promoter of

first of its kind PPP, in Sewage treatment and reuse project of 200mld on 100% Both these unique projects are acknowledged widely at international and national forums and are being emulated by many towns and in the Govt policies.

For sharing the unique Nagpur experience in the Sustainable Urban Water Management, Mr. Lakhani will be advising & providing technical inputs on "Urban Water Supply Projects" & "Wastewater Treatment and Reuse Projects" to NITI Ayog. the apex policy-making body of Govt. of India.



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About the Author: Utkarsh Khopkar, B. Tech. (Chemical Engineering), 1993 Batch. After brief professional experience with a leading environmental engineering company, Utkarsh began his entrepreneurial journey through Sun Enviro Systems Pvt. Ltd. As a co-founder of this immensely successful venture, Utkarsh has been instrumental in driving growth with focus on wastewater treatment for food industry. Combining process expertise with innovative technologies such as MBR, Sun Enviro stands tall in its field with clientele such as Pepsico, Haldiram, and others. Be it the EPC business or advisory to prestigious projects such as water reclamation at Greater Mumbai, Utkarsh's passion and commitment is always unparalleled. Apart from profession, Utkarsh is associated with many social initiatives as an active Rotarian.

WASTE MANAGEMENT IN FOOD INDUSTRY: CURRENT STATUS AND FUTURE PROSPECTS

The food processing industry is one of the largest industries in India, ranked 5th in terms of production, consumption, export and expected growth. The Indian Food Processing industry is currently estimated at USD 260 BN and growing at around 8%, accounts for over 9% of the manufacturing GDP. Given the inherent strengths of India in the availability of quality raw material and availability of skilled and unskilled workforce at competitive prices, India has a potential to become a food processing hub for the world.

Make in India is an innovative Government campaign which has identified food processing as one of the 10 key sectors of investments. Several key initiatives by the Government, namely; priority status to agro-processing businesses, setting up of mega food parks, 100% FDI in food processing and cold chain infrastructure, are highly commendable and vital for realizing the sector's truly immense potential. However, the Indian food processing industry faces several key challenges including; a very low 10% level of processing for perishables (only 2% for fruits & vegetables), efficiency across farm management, post-harvest management, modernization and capacity expansion, financial services, need for R&D innovations in processing and waste management as well as skill development.

Food industry produces large volumes of solid and liquid wastes during production, preparation, and consumption of food. These wastes pose increasing disposal and severe pollution problems and also represent a loss of valuable biomass and nutrients. The environmental legislation has significantly contributed to the introduction of sustainable waste management practices in the food industry. Considering the disposal challenges of huge volume of waste generation, efforts are to be made to optimize food processing technologies for waste minimization. Food processing wastes have potential for conversion into useful products of higher value as by-product, or even as raw material for other industries. The food industry should also have a dual strategy of waste avoidance as well as utilization of process wastes. All the combined efforts of waste minimization during the production process, environmentally friendly preservation of the product, utilization of by-products, renewable energy would substantially reduce the amount of waste, as well as boost the environmental aspects of the food processing industry.

Due to their higher demand and production, the wastewater generated by the food industry is also immense. For eg. about 1-10L of effluent per liter of raw milk is generated in a diary industry. Wastewater generated in a food industry contains highly putrescible organic constituents and is characterized by high concentrations and fluctuations of organic matter and nutrient loads. The composition varies depending on the operations and product mix and is generally rich in COD, BOD, fats, nutrient (N & P). The conventional wastewater treatment involves primary treatment, secondary biological (anaerobic digestion for biogas and aerobic treatment) followed by tertiary treatment involving sand and activated carbon filters.

The anaerobic process was found to be an economically attractive alternative for the treatment of this type of moderate to high organics wastes.

The biogas generated out of anaerobic system (UASB) is being primarily utilised in snacks industries for fryers in process and for cooking in canteen. For, high volumes of biogas generation, it can be also utilized for power generations.

Also, emerging stringent government regulation of Zero Liquid Discharge (ZLD) requires food industries to continuously upgrade their wastewater disposal strategies. For this purpose, recently some food industries are incorporating advanced membrane bioreactor/membrane technology (MBR). MBR Technology provides superior quality treated water and has an added advantage of low operation cost and has replaced conventional tertiary wastewater treatment. This modular decentralised system of MBR has also reduced the footprint to almost 1/3rd. This advanced technology solution provided by Sun Enviro Team is boon for large scale food, snacks and dairy industries, where effluent treatment and its recycle is major problem. Presently this treated water is majorly to be used for Boiler feed after passing through Reverse Osmosis System and remaining would be utilised for harvesting.

Further, the solid wastes generated by the food industry (e.g., Rotten/Reject potatoes, slicer's fines, waste/rejected chips, etc from chips industry or even fat-rich sludge in dairy industry) is also problematic due to its poor biodegradability. Many approaches are being proposed and currently investigated for the solid waste valorisation. Biogas can be obtained from the anaerobic digestion of the solids/sludges, and recently few plants have been successfully installed for anaerobic digestion of vegetable waste and also for digestion of fats generated in Indian dairies. Internationally, technology demonstration projects for integrated approach for waste valorisation with dairy industry as a model industry has recently started with the goal of obtaining sustainable food bio-economy in which the plan is to use whey, a byproduct of dairy processing, and its conversion to valorised products such as lactic acid, poly lactic acid (biopolymers used for packaging), mineral for human nutrition and bio-based fertilizer. Thus, efficient treatment of the waste/wastewater and its value-addition is the need of the hour with effective execution of ZLD projects, and incorporating sustainable and circular economy based concepts in the food industry. Also in future,





CHANGING INDIA'S SOLID WASTE DUMPING REALITIES







In India, there is a lot of buzz about waste management these days. No doubt, environmental awareness has increased significantly in recent times and public usually interested in talking politics or cricket are now seriously getting engaged in discussions about ecological issues. Community's waste management is still a big challenge in the country. It's a complex problem involving technical, social, political, managerial, administrative and related aspects. A lot needs to be done in terms of solids handling to alleviate current situations. While the scope is vast and avenues are many, present article contemplates on special areas that have the ability to bring about remarkable changes in the waste dumping ground realities. Keeping hightech concepts and terminologies like "sustainable solutions", "technology transfer" and so on aside, these simpler approaches can create long-term impacts on nation's solid waste management practices.

Adopting A Piece of Environmental Responsibility

Today's waste dump scenarios are serious and creating unhygienic conditions in various parts of the country. While the regional and national governments are developing programs to tackle these issues, it's time for communities to step up and take their share of responsibilities before it gets too late. One such way is by adopting a small portion of the community (like apartment complex, playing ground, road or highway) and committing to keep it clean. Working as a part of social organizations, small group of people or even as an individual, such entities can dedicate their volunteering time (say couple of hours each month) to help regularly clean and manage wastes at selected areas. Members can notify governments about their intentions and readiness to support municipal activities directly or indirectly. More the task groups coming forward for this initiative, the greater will be its impact. This selfless act taking only a small portion of time from personal lives can create long-lasting impacts on the communities. Looking at the sustained efforts of this selective set of people, mindsets of others will eventually change towards waste handling and disposal. This modest concept, if implemented effectively by citizens, has the power to raise country's cleanliness quotient and reduce ongoing dumping habits. Special Vigilance and Monitoring Programs - While the volunteers do their parts, there will still be a portion of community that are negligent with handling the wastes. Governments can create special vigilance and monitoring programs to keep a close watch on inappropriate and illegal dumping within the societies.

Dedicated hotlines and communication platforms can be established so that public can notify authorities about any such offenses taking place within the vicinity. This remarkable provision will eventually discourage people from acting indecently. Wrongdoers can be warned or fined for their acts as appropriate. Such actions will tighten the grip on tackling irresponsible waste dumping issues.

Making the valuable dumps count

Solid waste is a heterogeneous mixture of many valuable materials. We need to realize that dumps are not just smelling wastes, but they are free resources of recoverable constituents. Using innovative approaches, wide range of removal and reuse opportunities can emerge. To achieve this, environmental companies and entrepreneurs shall be educated about the importance of this raw material for their beneficial use and profitability. Although recovery might get challenging, government subsidies, grants and incentives can encourage such organizations to enter this market of resource recovery from solid wastes. Once the knowledge percolates, professionals will start establishing money tags to waste dumping grounds. In such case, competition for use of wastes could become a reality. Reaching out to politicians - Politicizing and campaigning the topic of solid waste management amongst state and national political figures is a must. Until each statesman is compelled to fight for their candidacy during elections based on environmental commitments, it is difficult to bring this revolution as well as prioritize and divert money towards the environmental management programs. Community members can make this happen via candid discussions with leaders at every possible opportunity. People shall openly express their concerns and opinions towards ecological situations with the bureaucrats. Rather than waiting for changes to percolate from top management to general public, we can catalyze the process by taking this movement upwards. Such initiatives can increase awareness at many strata of social platforms and make public servants accountable for their actions towards the ecosystem management. Eventually, this approach

will lead to the improvisations in waste collection, segregation and disposal activities. Although simple in nature, these basic concepts are very important towards transforming cities and towns. Indian civilization can prosper only if citizens adapt themselves to the changing environmental and social needs. Conceptualization and execution of such activities will create a better futuristic vision for the country. Common man does not need to be an expert of waste management, however via common sense measures he or she can create significant improvements to waste dumping practices. Let's put together anact of togetherness, take up individual responsibilities and realize environmental changes we have been striving for.

About the Author: Archis Ambulkar, Graduate of LIT's 1999 batch, is an internationally renowned environmental expert living in Ohio, USA. His work has entered prestigious Oxford University's Research Encyclopedia and Britannica Encyclopedia. He is the author of well-received book "Guidance for Professional Development in Drinking Water and Wastewater Industry" published by International Water Association, United Kingdom.

Tree Plantation @ LIT Campus 🖼

















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OUR SPECIALITY AREAS















Final Year Student of LIT, who made a big and grand entry into ET (Economic Times) Campus Stars of 2018. We LITAA SAMVAAD team had a pleasure meeting this Intelligent, Dynamic and Smart Student and taken a brief interview. Here we present a boy from small village, farmer's son, who competed with engineers from IIT's, NIT's, ICT and top engineering colleges, outshined them and selected among India's 33 Brightest Engineers,

MR. CHINMAY BHOGE

ongratulations for making it to INDIA'S 33 BRIGHTEST ENGINEERS.

What are your feelings at this juncture?

Thank you for interviewing me. Habit of staying up to date with the technological advancement happening around the world surprised me to see what was waiting just around the corner...but I never imagined that I will be honored with such a big award. From the outset, this has been a challenging but a rewarding experience. I was very fortunate. And I know there are many more who have done equally good or better than me and I wish them good luck in the years to come.

Can you please tell us about the Economic Times Campus Stars and your journey to this prestigious award?

"Economic Times Campus Stars" is an initiative by Times Internet meant to encourage and nurture young engineers by identifying, recognising & rewarding India's brightest and smartest engineering students. ETCS was spread across four demanding phases, each designed to test a specific skill set or expertise. The program saw participation from 25,000 plus budding engineers from more than 2,000 engineering colleges across the country. Phase-1 was 30minute online Psychometric Acumen assessment for 3rd & 4th year engineering students. And this experience makes me believe that 30minute is sufficient to assess a variety of mental & cognitive abilities and attributes. Just after two weeks a mail pop-up in my inbox that the result of Phase-1 was out & 3,911 students were shortlisted for Phase-2. In this way ETCS would spread the happiness among students. Phase-2 comprised of 60-minute online test designed as per our engineering branch to assess domain expertise and a video interview to assess oratory skills & speaking etiquette. And once again a congratulatory mail from ETCS for making it to phase 3 of India's most coveted list of brightest engineers. Phase 3 held in six cities across India for 523 shortlisted students where all the participants had to go through online domain & aptitude test and a group exercise which assess our communication and interpersonal skills along with group dynamism and leadership skills.

Finally I made it to the phase 4 where 120 candidates were shortlisted for one-on-one interaction with ETCS jury, which consisted of CXOs from prominent companies. This program wasn't merely limited to assessment but also proved to be a place to exchange our ideas and opinions to do something big for ourselves and for the country.

On May 2, I received greetings from The Economic Times Digital that I've made it to the list of ET Campus Star Class of 2017-18. It has been a great journey and I believe that the experience will help me immensely in my future endeavors.

I take this opportunity to thank my parents for constantly supporting and believing in me. I would also like to thank our Director Dr. Raju Mankar, Dr. R. P. Ugwekar, Head of Chemical Engineering Department, my project guide Dr. Bharat Bhanvase, Associate Professor, Department of Chemical Engineering and all my professors for their encouragement and guidance. I'm also thankful to all my dear friends for their support through out every endeavor of mine.

Tell us about your family background

we are 4 persons in my family. My father is a farmer and my mother is a housewife. I have one sister and she is in 12th std.

Where do you see yourself 5 years down the line?

I've successfully carried out my major on Inventing a novel method for Large scale production of Graphene- Material of Future. Now I want to work on developing a prototype for commercialization of Graphene and its application in energy storage devices and composites that are stronger and tougher, but also thinner and lighter, than any materials we have now.

If this award is anything to go by, the future is certainly bright for the Graphene industry.

What message would you like to give to undergrads?

Don't waste your valuable time on anything that doesn't contribute to your growth.

Listen to your inner instinct, Identify your passion...the passion to do something amazing and the dedication to stand out for yourself



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🔣 LIT Incubation Centre Project - Ist Lecture 🖼









delivering the lecture on "How to start your own business and raise capital?"

Mr. Vinod Kolkatwar, 1982 batch



Gurtu Sir will be remembered by all LITians for his special style of teaching Engineering Mathematics & his wonderful Poems & Gazals. You will be always in our heart.

He is also heading LIT Incubation Centre Project.





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Celebrities of the Quarter



Dr. Suresh Haware (**Batch -1978**), served 27 years as Nuclear Scientist and now in Housing sector. He has been awarded as one of the Jewel of LIT last year. He has been given as "State Minister Status" By Maharashtra Government for his social stature of Chariman of Shri Saibaba Sansthan , Shirdi. Heartiest Congratulations to Dr. Suresh Haware and hope he will continue his giving-back to society !!! We all are proud of you, Sir !!!



Mr. Sudhir Shrivastava (Batch – 1980), IAS Maharashtra 1983 Batch, Previously served as Add. Chief Secretary Home. He has been appointed as Chairman, Maharashtra Pollution Control Board. Heartly Congratulations !!!





Mr. Arun Lakhani (Batch -1982), a successful Entrepreneur, one of the Jewels of LIT, CMD of Vishvaraj Group, has been appointed as Advisor to NITI **Aayog** for providing technical inputs on "Urban Water Supply Projects" and "Waste water Treatment and Reuse Projects". Many Congratulation, Sir !!! Hope to have many more feathers in your cap !!!



Dr. P. Venkateshwar (Batch-1984), received Dr. APJ Abdul Kalam Life Time Achievement National Award for his contributions to Nation development and achieving excellence in the field of teaching. Great Contribution to Nation Building !!! Heartiest Congratulations !!!





Dr. Rajesh Biniwale (Batch-1991), worked in research and development since last 27 years. European Patent granted to his research on Hydrogen stoge and delivery using liquid organic hydrides. Great Achievement Sir!!!! Congratulations !!!







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- Environment Impact Assessment of Industries
- Environmental consultancy services

LIT Canteen Reopening at the Hands of Hon. Dr. Kane

(Vice Chancellor, RTMNU)





LIT Canteen Renovation Project Donors

LITAA North Chapter

Mr Shyam Bang

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It is noteworthy that since January 2018, all projects undertaken were totally financed through funds raised solely for the same. The fixed deposits of erstwhile LITOSA as well as LITAA have been kept as LITAA corpus. For example, the entire expenditure of approximately INR 12 lacs for LIT Canteen Renovation has been met through cause specific donations of INR 8 lacs from LITAA North, INR 2 lacs from Batch of B. Tech. 1983 and other alumni members. Similarly, the LITAA Samvaad launch event was funded by personal contributions from Team LITAA.

The total fixed deposits stand at approximately INR 25 lacs today and a new inititiave to build this corpus to INR 100+ lacs is under implementation. An independent bank account has been opened for this purpose wherein the bank has been instructed to convert all receipts into a fixed deposit on a rolling basis.

LITAA appeals all LITians, wherever they are, to contribute to this corpus whole-heartedly as per their wish.

Corpus Account Information: A/c Name: LIT Alumni Association A/c No.: 50100246654790 IFSC: HDFC0003358

Bank: HDFC Bank Limited Branch/Address: Laxmi Nagar/South Ambazari Road, Nagpur

LITAA will publish updates and status of financials on its web site www.litalumni.org as well as in each issue of LITAA Samvaad for te benefit of members.

Special Mentions :

1987 Batch is sponsoring 4 students every year for their Education Fees, Hostel Fees & Mess Charges

2010 Batch has started contributing funds on Monthly Basis to LITAA for various projects.

Mr. Nutan Paliwal, is taking a Lead Role for his batch initiative.

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LITAA Incubation Centre

In addition to a great placement record, an institute, with the right setup, can instill and nurture entrepreneurial spirit amonst students who come with path-breaking and innovative ideas. To support this modern day initiative, LITAA is engaged in a dialog with LIT to establish "Incubation Center" using Government of Maharashtra's policy and offer. Mr. Vinod Kalkotwar of 1982 batch, who is regularly involved in incubation and mentoring of start-ups at IIT Chennai, is currently preparing the blue-print of this project in association with another LITian, Mr. Praveen Charde, who too has closely worked on such a venture before. LIT management and faculty have also expressed keen interest in the innovative project and LIT and LITAA together along with participation of other stakeholders will surely transform this proposal into reality soon.

Awards Function in December

Like previous year, LITAA will felicitate its jewels this December. A committee has been established to select the awardees in five different categories and the process of nomination will begin by early September. This function will be held on December 22 at LIT along with other events planned. The registrations will soon open and all LITians may plan their calendar accordingly.

The dates are finalized as December 22 2018, Venue: LIT Campus, Detailed programme including registration process will be shared via portal, Whatsapp and other media soon. However, all LITians are requested to advance mark their calendar for the above mentioned dates and plan travel, etc.

For specific details, you may contact: Amalesh Purohit; +919766393340 Utkarsh Khopkar; +919423686051

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Team LITAA expects maximum participation by LITians and invites all to relive their memories.



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