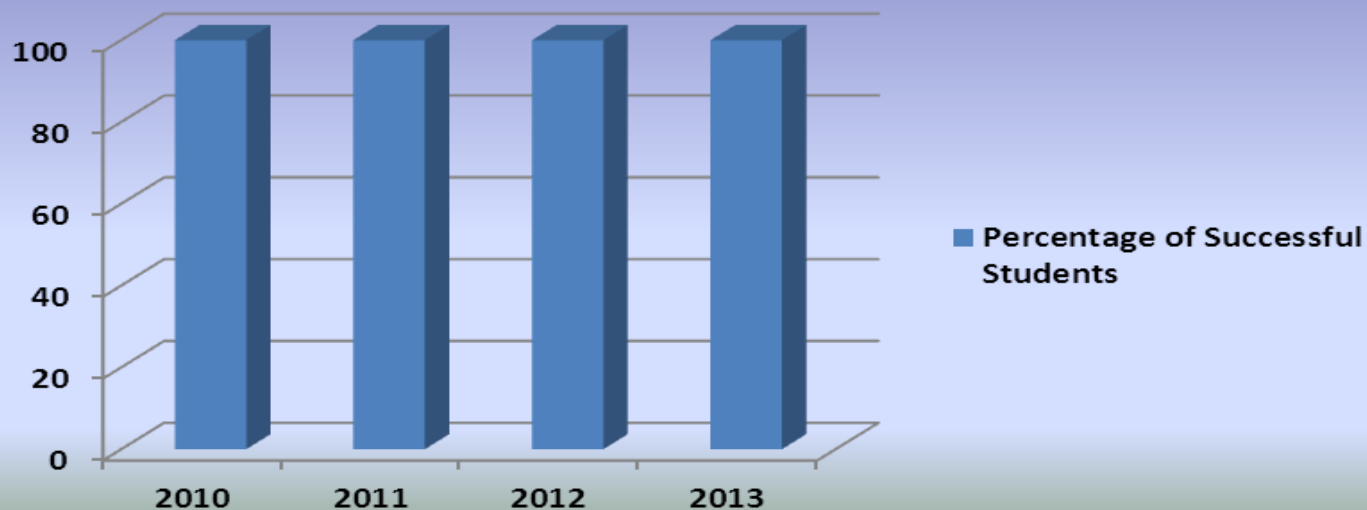
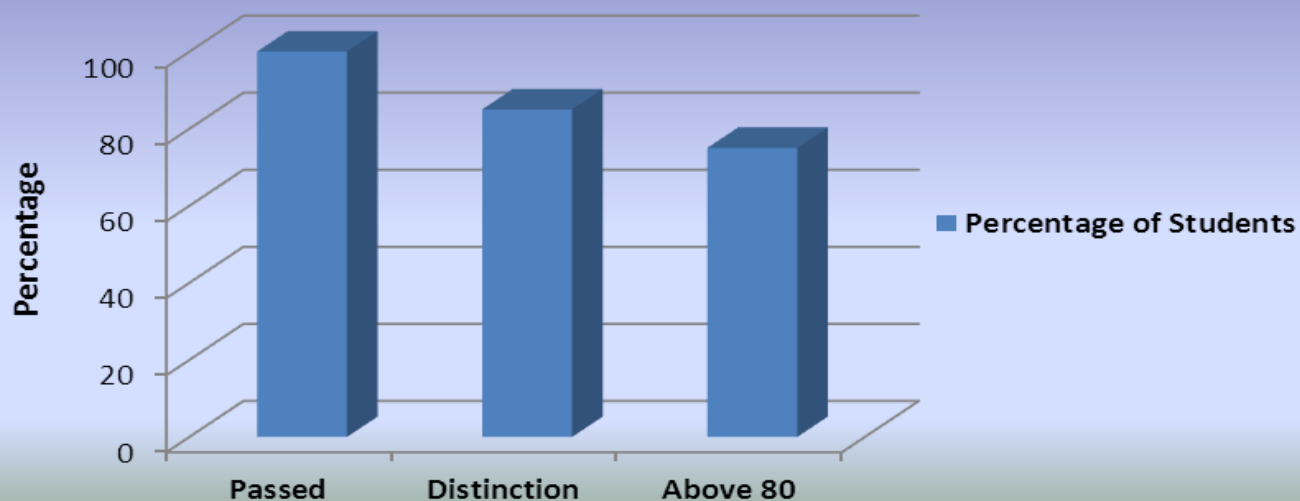


## Final Year Results Bring Pride to LTIT

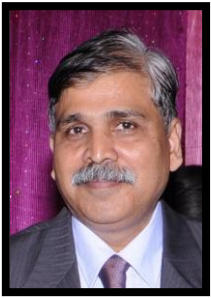
### Consistent Success of Final Year Students



### Highlights of Final Year Results 2012-13



## Principal's Message...



We are happy to publish the Summer -2013 issue of Techttime which chronicles the activities and achievements of the Institute during the entire semester. Keeping in view the drought situation in Maharashtra, MSBTE has advanced the final exams by about one month and we had to compress the instructional period. However we did not allow this to have any adverse effect on the curricular as well as co-curricular activities. All such value adding activities were conducted as per our plan and as usual we completed the semester activities to the satisfaction of all stakeholders. Kindly read further to get more about this and other significant happenings at LTIT.

## Semester Overview

Summer – 2013 semester started on 17.12.2012 and teaching and learning session concluded on 22.03.2013. The semester was shortened to advance the final exams by one month. The Institute worked on Saturdays to complete all the planned activities to give the students as much value addition as possible.

This was followed by theory and practical examinations and RAC (Regional Assessment Centre) work. MSBTE has grouped LTIT as 'Zero Error RAC' and the Institute has taken all extra efforts to live up to this expectation.

'Model Answer Preparation' project was allotted to LTIT. This is one more recognition of the Institute's capacity to deliver excellent output in all curricular activities. This work has been allotted to us for the second time for all major subjects of Electronics branch.

## Accolades From External Agencies

The External Academic Monitoring Committee, appointed by MSBTE, evaluated the Institute against well-defined parameters on infrastructure,

academics, curriculum implementation, co-curricular activities, Training and Placement etc. It is a matter of pride for LTIT that the Committee gave 'Excellent' remarks for all the three courses viz. Computer, Electronics & Telecommunication and Mechanical Engineering.

The audit team from Bureau Veritas found the Institute complying with all the requirements of ISO 9001 : 2008 during their Surveillance Audit in February and gave a report in favour of the Institute. The auditors were impressed by the good infrastructure facilities arranged in the new premises within a short period.

## Extra-curricular Activities

The Annual Day, 'PARIVARTAN – 2013' was celebrated on 3 February, 2013 with great fervour and enthusiasm at Ram Ganesh Gadkari Rangayatan, Thane. Mr. Yogi Sriram, Senior Vice-President, Corporate HR, Larsen & Toubro, was the Chief Guest. The programme consisted of a formal prize distribution and a colourful cultural show put up by the students of LTIT.

In his address, the chief guest Mr. Yogi Sriram underlined the importance of learning to learn for the students. He also emphasized that hard work doesn't have any substitute. He advised the students to enter a career, and not simply take up a job after their studies.



Dignitaries on the Stage during Parivartan

Mr. Yogi Sriram felicitated the faculty members who completed 20 years of dedicated service. He also presented the Sushma Mukhija Awards to the meritorious students.

Mr. A D Shahane, Vice President, Corporate Training (Technical), Larsen & Toubro, complimented the institute for developing the innovative, creative and managerial skills of the students through programmes like 'PARIVARTAN'.

Mr. Bharat Bhosale, General Secretary, BKS, L&T Unit, explained how L&T takes care of the welfare of its employees and their families and LTIT is a shining example of this.



The Cultural Show in Progress

The half-yearly newsletter of LTIT, TECHTIME was released on this occasion. The highlight of PARIVARTAN – 2013 was that the whole programme was conceptualized, planned and organized by the students. The programme was planned and held as a 'No Plastic' event.

### **INTEGRAT - 2013**

The two day intercollegiate technical event in which polytechnic students of various colleges participate in Project Competition, Technical Paper Presentation and many other fun-filled creative events was organized on 1 and 2 March, 2013. In total, there were about 300 students participating in various events.

Mr. K. Ravindranath, Executive Vice President, Hydrocarbon, Larsen & Toubro, Mr. Badrinath Durvasula, Vice President & Head-Legal, Hydrocarbons, Heavy Engineering, Shipbuilding, Larsen & Toubro, Mr. A. D. Shahane, Vice President, Corporate Training (Technical), Larsen & Toubro and Mr. V. D. Vaidya, Deputy Secretary (Technical), Maharashtra State Board of Technical Education were the guests and they spoke about the importance of such events in shaping up the technical and professional skills of the students.

38 project works undertaken by students were on display. 35 technical papers were presented. The Judges appreciated the innovative and creative skills of the students who participated in the event.



The Dignitaries Appreciating the Project Works

Prizes were awarded for the best projects and papers. The fun games arranged as a part of Integreat added to the joyful ambience at the venue.

The demonstration on 3-D printing arranged as a part of the event was a crowd puller.

Mr. Badrinath Durvasula and Prof. S.M. Ganachari, Principal, Thakur Polytechnic, attended the Valedictory Programme and gave away the prizes to the winning teams. Their words of appreciation and encouragement motivated the students to come out with still better projects and papers in Integreat – 2014.

### LTIT as a Training Hub

In keeping with our Mission Statement, LTIT is slowly emerging as a technical training centre. In Summer – 2013, we arranged a number of training programmes for students, staff and other college students and teachers.

### X-LEARN (Transform Learning)

L&T, in association with CII and DVET, organized a training program X-LEARN (Transform Learning) for ITI Instructors from all over Maharashtra using the resources available at LTIT. It was a 7 day programme in which 20 ITI Instructors from all over Maharashtra participated. Training was imparted not only in technical areas but also in teaching methodology, presentation skills, English and Communication Skills. Mr. Tuhin Sinha (Advisor, MSBTE) inaugurated this training programme.

### Short Term Training Programmes

Two 15 days short term training programmes were conducted for the benefit of students from LTIT as well as from other colleges.

The training programme on 'Microcontroller Based Design & Real Time Operating Systems (RTOS)' was organized from 25 April to 15 May 2013. There were 31 participants who got hands on practice on MCS 51 Microcontrollers with development boards. They were also exposed to areas like PIC Micro Controllers, Embedded C programming, RTOS (RTX51 Tiny) Bout Robot, Programmable Embedded Systems on chip (PSoc), games on Raspberri Pi using Python scripting etc.



Attentive Students in a Training Session

The other training programme was on 'CAD – CAM & CNC' which was conducted from 6 May to 24 May 2013. Twenty enthusiastic participants enrolled for the programme and learned to design and manufacture engineering components using software and CNC machines.

The Institute has undertaken to give practice in spoken English to selected students using the Language Laboratory during the vacation. Students were ready to forego their vacation to develop this important skill which will stand in good stead throughout their life.

### Equipping the Students for Real Life Situations: Training for Self-Defense



A self-defense workshop 'Empowering the self in ME', for the benefit of girl students and lady staff members of the institute was organized on 29 Jan 2013. In the first session, a motivational speaker gave a presentation on how one's correct attitude helps in handling difficult situations and explained the importance of self-confidence and calmness of mind while facing the attack.

In the second session, physical techniques to defend the attacker were demonstrated by two lady karate champions. By hitting on the highly sensitive pressure points of the attacker, regardless of his size and strength how one can confront the situation was demonstrated. They also demonstrated how common objects like keychain, pen etc. can be used as weapons. Students were made to practice the techniques.

At the end of the session, the girls felt confident about handling real world violent situations if they arise.



## Industry Institute Innovation Cell (I3C)

LTIT has been identified as the coordinating institute for I3C whose purpose is to identify viable projects in industry for the students to undertake and learn from doing it. To begin with, the following departments of L&T have agreed to be a part of this initiative: LTIES, EAIC, C&A , HED&A, EAIC and SDDC.

Selected students from Swami Vivekanand College of Engineering, Swami Vivekanand Polytechnic and Vidyalankar Engineering College, all from Mumbai have been allotted projects in some of the above departments. The progress of the project work will be monitored by the industry personnel as well as the faculty members of the college concerned.

LTIT has plans to widen this activity to give the benefit to the students of many other colleges in near future. This initiative will help very much in narrowing the gap between industry and institutes.

## IIPC (Industry Institute Partnership Cell)



MSBTE, in collaboration with L&T, has been organizing Industry Orientation Programmes for Principals, Heads of Departments and Faculty members of polytechnics across Maharashtra. LTIT has been organizing these programmes on behalf of L&T using the resources of L&T and LTIT. These

3 to 5 days training programmes have become quite popular among Polytechnic staff because of

the exposure they get to an engineering major like L&T.

We organized two such programmes for the Mechanical Engineering faculty members, the first one from 13.05.2013 to 17.05.2013 and the second one from 10.06.2013 14.06.2013 at LTIT premises.

## Taking Care of the Young Adults

TECHFUN was organized by LTIT to introduce technical matter to school children in a fun way. This two day, fun-filled event saw about 60 participants. They were taught scientific principles through various activities. Using these principles, they were made to make their own robotic devices under the guidance of professionals in this field.



Winners of Mini Project Competition

## **LTIT made the difference in my life.**

**- Pooja Verma, state topper in Electronics Group in the Exam Conducted by MSBTE in Summer - 2012.**



Pooja Verma receiving the award from the Minister for Higher & Technical Education, Shri. D P Sawant, Maharashtra State.

### **Interview with Pooja Verma**

**Congrats Pooja! Nice to talk to you. How is your degree course going on?**

Thank you Sir. My college life is amazing. I am doing well both in studies as well as other extra-curricular activities. In fact I scored 85% in my third semester examination.

**What was your source of motivation to study well?**

My parents, Sir. They had full faith in me. I think I wanted to do this for them. Besides, LTIT had encouraged me every time I succeeded by felicitating me. I guess I wanted to enjoy that experience again and again.

**How did you manage your studies? Was there any secret formula?**

It is very simple. The lectures, practicals, periodical tests and other activities are arranged in such a systematic way that a student has to just follow the flow of activities in order to be successful. I made it a habit to use the weekends to complete all pending work. So I would be free to absorb more when the week starts on Monday.

**What do you think was your biggest advantage?**

Studying in LTIT was my big advantage. The Syllabus was always covered 100 %. All practicals were conducted with working equipment. I did not have to go for extra coaching or private tuition like the students of other colleges even for the so called difficult subjects.

**How did the In-plant training help you?**

In many ways. First, it made me realize what actually is expected from employees in an industry. Textbooks don't teach that. I also got hands on experience. I am now a more mature and confident person. Also now I know what exactly to study and which skills to develop during my degree course.

**Who was your favourite teacher?**

Obviously, I will say all my teachers. Each one of them taught me a different lesson, a different moral. But I wonder whether all teachers consider me as their favourite student.

**What is your suggestion to your juniors in LTIT?**

Set a realistic percentage of marks to achieve in each semester. Make sincere and be organized. And never ever hesitate to ask for help, whether it be your friends, teachers or other staff.

**Thank you, Pooja. All the best!**

Thank you Sir. I feel honoured.

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### **Alumni Meet**

The annual get-together for LTIT alumni was arranged on 2 March 2013. About 40 alumni attended the programme and expressed their nostalgic feelings. It was an opportunity for many of them to renew their old friendship and exchange life-notes. A number of the alumni showed interest in taking part in the welfare activities to be undertaken by LTIT Alumni Charitable Foundation.