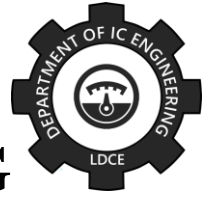




**L.D.COLLEGE OF ENGINEERING**



**DEPARTMENT OF INSTRUMENTATION AND  
CONTROL ENGINEERING**

**B.E. First Year  
(Induction Program 2K18)**

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# 1. Orientation Programme

**Date : 19-07-2018**

This was the first day of the students in L.D. College of Engineering. They registered their selves in their respected departments. In our department of Instrumentation & Control Engineering we got 62 Student's registration. After their registration there was an "Orientation Program" arranged by our department to make students more comfortable and familiar with department and faculties. The day started with prayer in seminar hall. All the Faculty members and HOD sir were invited on the stage for lightning the lamp along with one of the student's parents. After that the video message of our principle was played and he gave all the students warm up speech, message about the aim of our college and the introduction of our college.

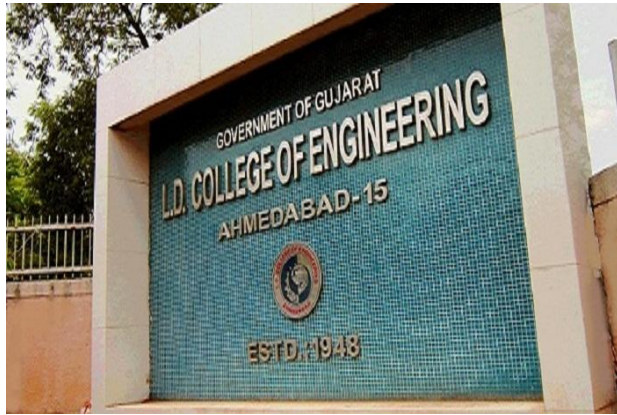
Next session was taken by senior students and they gave them important information about our college and also gave introduction about different clubs of L.D.C.E. like Robocon club, NCC, NSS, V.P. club, Dhanak club etc.

After that all the faculties gave their intro and The Head of the department Prof(Dr.) Manish Thakker welcomed the students and their parents, addressing them with a motivational speech. He had given a brief profile of the department highlighting its growth in various areas since the inception of the department. He shared his vast experience and advised the students to be dedicated, committed and focused on academics and to showcase their talents in both curricular and extra-curricular activities for having an edge over their peer group for employability and higher education globally. The head of department shared his views regarding the overall development of the students and prompted them to have a motive in their life guiding them to their path of success.

Prof R.C.Patel elaborated the Training and Placement scenario of the college since the last few years and also assessed them to acquire practical knowledge during their four years.

Prof U.V. Shah had given students the essential knowledge regarding their induction program and other academics and showed them right path to achieve the goal of their life.

Then they were taken to visit our college to get familiar with each area of our college. Afterwards they had some complimentary food and sent to watch a street play by "DHANAK", which was specially prepared to welcome new first year students.



## 2. Day in Department

(Introduction of students, Motivational and documentary videos presentation.)

**Date : 23-07-2018**

The students were asked to introduce themselves, by writing a couple of paragraphs. This introduction consisted of topics like name, previous journey to engineering college, family background, reason for selecting I.C. branch as career, futuristic goals in life, hobbies, and so on.

Later, on that day, a documentary related to Black Hole was shown to the students. The creation of black hole, the reasons, the aftermath etc. was shown via video. Black hole is a thing that creates a weird interest within the minds of scientists and astronomers. The formation of pulsars and new stars after death of old star was also explained by documentary.

Also, one motivational video by Chetan Bhagat was shown. It was basically about how to prepare for any kind of examination. When to start, how to create the time table, making the

mind strong to follow the time table. This helped the students for making a mind regarding what they are doing.

Afterwards, the documentary, How its Made was shown to the class. It consists of production of silver foil from the big blocks of aluminium. Along with this, the production of ice-skates was also shown.



### **3. Day in the Department**

(Physical activity and sketch competition)

**Date : 24-07-2018**

The day started by the physical training by Udhav sir. Students ran about 500 m. Then a running race was there in which students enjoyed a lot. Afterwards students played different outdoor games, which are now fading. One of them was like this. Students were divided into two teams and a circle was made in centre and a handkerchief was placed in it and they were told to pick that up one by one and to return to their team. The motto was to connect back the student with physical activity by playing old outdoor games.

After that session students came back to the department where, the painting and sketch competition was held. This activity was having topics like the innovative ideas of Smart City, Non convention source of energy, Swachha Bharat Abhiyan, and futuristic thoughts on sports like football. Everyone readily participated in competition and also performed well. All the paintings were really awesome and the artistic talent of students came out.

### **4. Day in the Department**

(Lecture regarding universal human value and placement & Visit to the L.D. museum)

**Date: 25-07-2018**

This day began with the preaching of representative of Hare Krishna Mandir and explained about universal human value. He explained the value of life, the importance of mental fitness, the necessity of a peaceful brain. He shared his views regarding this, also gave the several ways

to control our minds. This might help individuals to become a better and successful person in their life.

Later that day, professor V.P. Patel sir took a lecture on the Grooming Placements. He explained the ideology of the companies, what they want, their requirements, etc. Along with this he also introduced the class with few terminology used in ICE. This helped the class to get clear about their 4 years of their B.E. course.

After that professor U.V. Shah sir took the class to the L.D. Museum, Where students discovered a rare and supreme collection of fine arts and manuscripts. The architect of this museum was Balkrishna V. Doshi. There were paintings related to Mughal period as well as modern Indian Art. There was a lot new thing to see and discover.



## 5. Day in the Department

(Proficiency Eng. Module, Maths literary lecture and physical activity lecture)

**Date: 26-07-2018**

Under the proficiency module, the English lecture was taken. A task was given by mam, which was based on a situation where one individual is trapped on a deserted island, and requires just one thing to survive 30 days on the island. Based on this, a team of 5-6 students was made having opted different things to survive. The team of students have to make a plan, that how their team would get survival. It was a fun activity, everyone had to explain in English.

After this, there was a combined seminar with Biomedical group on the Maths literary. They saw the documentary on “Maths is Everywhere”.

During the physical activity lecture, several Pranayams were performed by the class. Through Yoga students can make their body performance better. If they want to become fit and fine, they need to perform any kind of physical activity at least half an hour a day. Everyone performed the activities, which were demonstrated by the coach Uddhav Sir.

## 6. Day in the Department

(Literary lecture with motivational video and activity period with test of Eng. at the end.)

**Date: 27-07-2018**

During the literary lecture, which was taken by professor R.C. Patel Sir, he explained to students the importance of exercise in their life. He explained about Seven Chakras of our body. Each Chakra has its own importance. Also he advised them to do the exercise and yoga regularly.

Later they saw one motivational video by Sandip Maheshwari, on the topic of “How to Control ANGER”. He simply explained that anger is a emotion that we represent by our own will by an awesome example. We can literally control the anger based on the situation.

Also an English test was conducted at the end of the day.

Later that day, the whole class played cricket on the ground. This was the best way to know each other, by playing together and improve team work. In this way they found the team spirit, efforts, etc.



## 7. Day in the Department

(Expert lecture regarding communication skills, orientation of NCC and NSS and Thalassemia Test)

**Date : 30-07-2018**

The day began with the expert lecture of communication skill and how to speak the English language with the fluency. The conclusion of the lecture was that to improve the communication skills the basic pillars are listening, thinking, reading and then finally talking. At the end also a group discussion was held for actual implementation of what they learned in session.



Then the Orientation of NCC and NSS was held in the Vishwakarma Hall. All the NCC and NSS cadets told them about their activities and achievements. After that orientation there was the “Thalasamia” test check up.

After that again the physical activity lecture was conducted and the Pranayam was taught to them. Also the importance of it was explained.



## 8. Day in the Department

(Physical activity lecture & GTU and LD website description)

**Date: 31-07-2018**

Again the day began with the physical activity lecture. Coach Udhav sir again made students to run 500 m. Then the push-ups and sit-ups were done by students to maintain their physical health. Also coach sir gave them the importance of need of the good physical health.

Then there was a session to get information about GTU and L.D.C.E. website. Where departmental faculties and senior students explain them each and every details about website. At the end of this session there was an election to become a class representative.



## 9. Day in the Department

(Tree plantation programme and Expert lecture regarding logical reasoning)

**Date : 01-08-2018**

As there was the announcement by HOD sir that there will be a tree plantation on 1<sup>st</sup> August, 2018, students were engaged in the arrangement for the same. Students were divided into teams and each team have to plant some number of saplings. Not only plantation but each team have to take care of their plants to grow up. The motto behind this activity was to increase the greenery as well as to increase the amount of oxygen in air. There was plants like, Saptparni, Banyan tree, Neem Tree etc. These all trees were selected just because they release more amount of oxygen compare to other trees. Apart of this activity, Students got a new friend for themselves. As well as for this noble activity principal sir also joins the department.

After this the Expert lecture was arranged based on the logical reasoning. Respected sir taught students very interesting things about the maths. He taught them many short tricks to save their time in exams. Also he gave them lecture on how to tackle the logically strong questions in an interview.



## 10. Day in the Department

(Dhanak club activity, Maths literary lecture and Yoga at the end.)

**Date : 02-08-2018**

On this day The Dhanak team came and took students to the Civil Lawn for their session, Where students played many games. The games arranged in that way that, students learnt the mind power control, listening skill, observation skill, controlling skill, and creative power. This was just planned to make the students more creative.

After that there was a maths lecture and the lecture was based on the Curves. Also in this lecture students revised their maths, which they have learnt in their school time. At the end of the lecture students became fundamentally clearer in each and every topic.

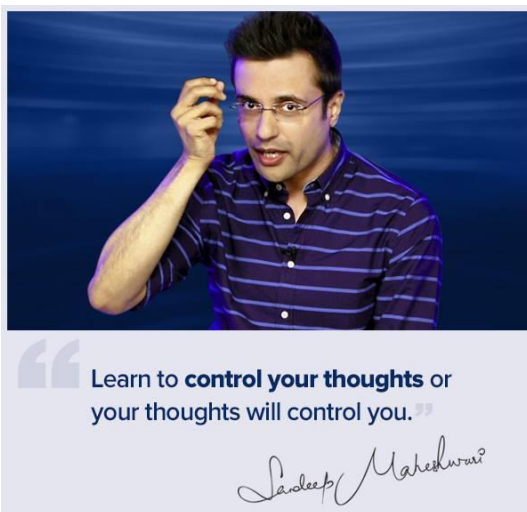
## 11. Day in the Department

(Literary lecture with motivational video.)

**Date : 03-08-2018**

On this day students get knowledge about the importance of exercise in our life, by professor R.C. Patel. After that Our HOD sir gave lecture regarding human values and encouraged them to take a pledge to help people. Also he advised them to do the exercise and yoga regularly for relaxation of body and mental peace.

Later the class was shown one motivational video by Sandip Maheshwari, on the topic of “How to speak English fluently”. He explained that, why we are not able to speak English and also gave a solution about it. It improved students' confident level to speak English.



## 12. Day in the Department

(Expert lecture regarding communication skills, group discussion and personal interview & Full body checkup)

**Date : 06-08-2018**

The day began with the expert lecture on the communication skills and how to face Group Discussion and Personal Interview. Respected sir suggested what to do and what we should not do in the personal interview and group discussion. Sir also gave students many tips and also a

mock Group Discussion and Personal Interview was conducted by sir. In that session students learnt many different skills and tricks to face Group Discussion and Personal Interview.

Then after that students had their Full Body Check Up. There were NSS volunteers to handle the camp. First of all they gave their blood sample to check their blood report. Then there was Dental check up and doctors advised them how to take care of our teeth. Afterwards there was eye check up.



### 13. Day in the Department

(Physical activity lecture with universal human value lecture)

**Date : 07-08-2018**

On that day there was a competition arranged by senior students for 1<sup>st</sup> year students. It was Break The Ice competition. And everyone participated in the competition. Some students as a participant and some as a cheering crowd.

The next lecture was of Universal Value. The lecture was taken by R.C. Patel sir. He showed them the motivational video of Sandeep Maheshwari. Also he showed them religious videos and explained them its important role in our life. After that he showed them video related to the universe and astronomy, Which generated some curiosity in students mind about space.



## 14. Day in the Department

(Break the ice, Treasure hunt, ROBOCON audition with test and streets at the end with VP Club)

**Date : 08-08-2018**

This was the final day of the Induction programme. There was the final round of the competition named Break The Ice. There were many games like cricket, volley ball, long jump, badminton, treasure hunt, etc, Many students took part in different activities and secured their position as winners. As this was the last day of induction program and from next day their actual curriculum was about to start so, they didn't miss a single minute to enjoy it.

Then there was the Robocon Club seminar and also the written test. The test was like aptitude test and who get it clear he/she get chance to be part of ROBOCON team.

After that there was the Streets program conducted near canteen by VP Club. It included dancing, singing, playing instruments, stand up comedy, etc.



## 15. Day in the Department

(Expert talk on Grooming of Placement)

**9<sup>th</sup> & 10<sup>th</sup> August, 2018**

There was a special session arranged by Prof. V.P. Patel for Final year students to increase their communication skills as well as to develop their personality. The first year students also join this expert lectures and learned from now onwards to update themselves for their future.