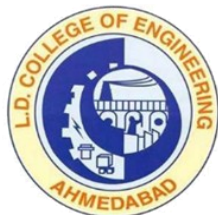


**DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING**  
**( EST.1972)**

**L. D. COLLEGE OF ENGINEERING ( EST. 1948) AHMEDABAD**

**EDITION 1.0**

**JUNE'18–DEC'18**



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**DEPARTMENT OF IC ENGINEERING NEWS LETTER**

**PRINCIPAL MESSAGE**



**Dear Students and Faculty Members,**

It is matter of pleasure that the first e-newsletter of Instrumentation and Control Department is brought to you. Another remarkable year has come to an end with a lot of achievements to the credit of our institute. It is indeed overwhelming to see that the enthusiasm with which the year started has sustained throughout and left us all craving for more in the coming year. The last three months of the year 2018 was a great phase for academics. It is delighting to see that many of our professors are invited as experts for various events like FDPs, workshops, conferences, academic boards and others. Such sharing can expand the horizons not only of the individual but of the whole community. With the help of industrial visits the students got an exposure to what the future holds for them. Many other events like quizzes of national and international level were organized and it is good to see our students shining at various levels and in various activities. We registered our support and participation in the unveiling of Statue of Unity on 31st October 2018 by taking pledge for the sake of unity of our nation. Not only that, by celebrating Joy of Giving week. Further we also arranged a seminar by VoSAP to support the specially-abled people. At the end, I would like to add that we need to continue adding new benchmarks to our progress every year in order to reach the highest level where LDCE would be one of the finest institutes in the world. and I believe together we can do it.

**Dr. G. P. Vadodaria - Principal, LDCE.**

**VISION AND MISSION OF INSTITUTE**

**Vision :** To contribute for sustainable development of nation through achieving excellence in technical education and research while facilitating transformation of students into responsible citizens and competent professionals.

**Mission :**

- To impart affordable and quality education in order to meet the needs of industries and achieve excellence in teaching-learning process.
- To create a conducive research ambience that drives innovation and nurtures research-oriented scholars and outstanding professionals.
- To collaborate with other academic & research institutes as well as industries in order to strengthen education and multidisciplinary research.
- To promote equitable and harmonious growth of students, academicians, staff, society and industries, thereby becoming a center of excellence in technical education.
- To practice and encourage high standards of professional ethics, transparency and accountability.

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**DEPARTMENT OF IC ENGINEERING NEWS LETTER**

Excellence is a continuous process and not an accident.  
Don't fear for facing failure in the first attempt. Even the successful maths starts with 'zero' only.

A. P. J. Abdul Kalam



**HOD Message**

Season's Greetings..!!! It is indeed a pleasure for me to write an editorial for Department of Instrumentation and control engineering newsletter. Department is achieving milestone of success day by day under able leadership of Dr. G. P. Vadodaria – Principal, LDCE, dedicated and committed team of IC Engineering faculties. The major events in the current issue of news letter are kaizen 2k18, project fair of final year students, orientation of newly join students, induction program, field visits, placements, GATE qualifier, student's awards and creative work by students.

Orientation program of batch 2018 batch followed by 3 weeks of induction program. Induction program includes placement grooming session, ethical and value education in life, field visits, physical activities, tree plantation and many more. This was conducted by senior professors of department Prof. U.V.Shah, Prof. V. P. Patel and Prof. R.C. Patel I congratulate them for successful conduction of orientation program. At department we also encourage to take student at field visit which help them to correlate their theoretical knowledge with real time experiments. The Department is facilitated with highly qualified and committed faculty members and they are upgrading their knowledge by attending various training. Their untiring efforts make students to win various awards in technical and non technical competition.

Department students are also actively participating and winning at various technical events, I congratulate to all those students and faculty mentors. Students are also showing extra ordinary creativity in pencil sketch, embroideries, photography and I am sure that reader enjoys and appreciates their art and crafts.

Placement season is also started Our placement records has always being very impressive, with the large number of students being placed year after year in highly reputed core companies and public sector units. Our alumni hold senior positions in industries as well as in academic institutions, both in India and abroad.

My message to students is “Never be afraid to try something new. Remember, amateurs built the Ark, professionals built the Titanic” We should never assume we are not capable of achieving GREATNESS because WE ARE! Every one of us is capable of achieving more than our limits. Thank You.

**Dr. Manish Thakker, Professor and Head, IC Engg. Department**

**DEPARTMENT VISION AND MISSION**

**Vision:** Provide quality education and research environment for preparing competent Instrumentation and Control engineers to meet the technological challenges of industries and the society.

**Mission:**

- To impart quality education in the field of industrial automation to match the needs of industries.
- To encourage multi disciplinary research and innovative projects.
- To cultivate technocrats and entrepreneurs with professional skills and ethics.



### WINNER KIZEN2K18

| Student Name                                   | Title                                            | Guide Name       |
|------------------------------------------------|--------------------------------------------------|------------------|
| Aditya Vaishampayan, Jolly Mishra, Ishan Patel | Impaired Vision Navigation Assistance            | Dr. R. C. Patel  |
| Mrunal Hatwar, Nishant Mishra, Rutvik Vasava   | Smart Transmitter for Advanced Automation System | Prof.V. P. Patel |
| Marvie Mistry, Susmita Patel, Shivali Patel    | IOT based Remote Monitoring of Medical Signals   | Dr. R.C. Patel   |

*Happiness is when what you think, what you say, and what you do are in harmony.—  
Mahatma Gandhi*

| INSTRUMENTATION & CONTROL ENGG.- PLACEMENT 2018 |                                       |                  |
|-------------------------------------------------|---------------------------------------|------------------|
| Sr. No                                          | Name of Students                      | Company          |
| 1                                               | ADITYA AJAY VAISHAMPAYAN              | ACCENTURE        |
| 2                                               | TANISHQUA PRADEEP JAIN                | ACCENTURE        |
| 3                                               | KHUSHALI HARESHKUMAR KADIA            | ACCENTURE        |
| 4                                               | NILESH ARVINDBHAI MAKWANA             | ACCENTURE        |
| 5                                               | MARVI MAHENDRA MISTRY                 | ACCENTURE        |
| 6                                               | JAY DINESHBHAI MONAPARA               | ACCENTURE        |
| 7                                               | MRUNAL TENIRAM HATWAR                 | ACCENTURE        |
| 8                                               | DHAVAL KIRITBHAI PARMAR               | ACCENTURE        |
| 9                                               | DARSH RAKESHKUMAR SHAH                | ACCENTURE        |
| 10                                              | RUBEN VISHALKUMAR SHAH                | ACCENTURE        |
| 11                                              | KANSAGARA ASHISH PRAVINBHAI           | RELIANCE         |
| 12                                              | MISTRY MARVI MAHENDRA                 | RELIANCE         |
| 13                                              | MRUNAL HATWAR                         | RELIANCE         |
| 14                                              | PARMAR DHAVAL KIRITBHAI               | RELIANCE         |
| 15                                              | DESAI DHARMESH RAVJIBHAI              | RELIANCE         |
| 16                                              | POKIYA MAYUR KUMANBHAI                | RELIANCE         |
| 17                                              | RAHEVAR DHRUVRAJSINH<br>PRAKASHSINH   | RELIANCE         |
| 18                                              | SHAIKH MOHAMMEDHARUN<br>MOHAMMEDRAFIQ | L&T TECH         |
| 19                                              | KHOYANI ABHISHEK JIVANBHAI            | L&T TECH         |
| 20                                              | BHAVSAR MEET DINESHKUMAR              | L&T TECH         |
| 21                                              | VAGHASIYA DIVYA MANSUKHBHAI           | YAZAKI           |
| 22                                              | NAKUM NILESH VIRJI                    | TCL              |
| 23                                              | YASHKUMAR MISTRY                      | GSPL             |
| 24                                              | USDADIYA KEYUR KANTIBHAI              | SAHAJANAND VALVE |
| 25                                              | RUBEN VISHALKUMAR SHAH                | GLATT            |
| 26                                              | BHAVSAR MEET NITINKUMAR               | FLOURISH FOOD    |
| 27                                              | PANDEY AMBESH CHANDRAB-<br>HUSHAN     | FLOURISH FOOD    |
| 28                                              | SHAH DARSHIL HARESHKUMAR              | DEEPAK PHENOLIX  |
| 29                                              | KATESHIYA JAYDEEP SHAMBHUB-<br>HAI    | TORRENT POWER    |
| 30                                              | SHAH UMANG RAJESHBHAI                 | Aarti            |
| 31                                              | PATEL SUSMITABEN VASANTBHAI           | Aarti            |
| 32                                              | MONAPARA JAY DINESHBHAI               | GFL              |
| 33                                              | DARJI ROHAN RAKESHKUMAR               | Sanghi Industry  |
| 34                                              | PADASALA VISHWAS JAYANTIBHAI          | Sanghi Industry  |
| 35                                              | PANDEY AMBESH CHANDRAB-<br>HUSHAN     | Extra Mark       |



On 11<sup>th</sup> September, 2018, department had organized industrial visit at GEB, Gandhinagar for 3<sup>rd</sup> year students.



On 14<sup>th</sup> September, 2018 department had organized industrial visit at Indian Farmers Fertiliser Cooperative Limited (IFFCO) for 2<sup>nd</sup> year students

Every morning you are handed 24 golden hours. They are one of the few things in this world that you get free of charge. If you had all the money in the world, you couldn't buy an extra hour. What will you do with this priceless treasure ? Remember, you must use it, as in is given only once. Once wasted you cannot get it back. - **Anonymos**



On 4th August, 2018, Department had organised industrial visit to Vikram Sarabhai Space Exhibition (VSSE) for 1<sup>st</sup> year students

*“Change is  
hardest at the  
beginning,  
messiest in the  
middle and best  
at the end  
Robin Sharma*



B.E. 1<sup>st</sup> year’s Orientation Programme organised at the department on 19<sup>th</sup> July, 2018 to make the freshers aware about the college’s and department’s academic, co-curricular and extra curricular activities.



Department level Tree – Plantation drive carried out in association with the Principal, Head of the Department and Faculties and the students from all the semesters in the department lawn, a step towards climate change.

Confidence and Hard-work is the best medicine to kill the disease called failure. It will make you a successful person.”

“It Is Very Easy To Defeat Someone, But It Is Very Hard To Win Someone.”

—Avul Pakir Jainulabdeen Abdul Kalam

B.E. Semester VIII student Rahul Ravi got all India 96<sup>th</sup> Rank in Gate 2018. M.E. Student R. B. Gadhiya achieved gold medal in M.E. Applied Instrumentation in 2018 at GTU

B.E. Semester VIII student Rahul Ravi got all India 96<sup>th</sup> Rank in Gate 2018.

B.E. Semester VI student Dhrumil Khatri was selected to attend at National Level “Advanced Leadership Camp” held at NCC academy Jorhat, Assam from Ahmedabad Group.

*Everybody is a  
genius. But if  
you judge a fish  
by its ability to  
climb a tree, it  
will live its whole  
life believing  
that it is stupid.  
Albert Einstein*

**L.D. College of Engineering**  
DEPARTMENT OF  
INSTRUMENTATION & CONTROL ENGINEERING

**ACHIEVEMENTS**

Pranay Parmar

Parth Patel  
Vishvesh Patel  
Parikshit Dahivalkar  
Champions at  
"Inter-Zonal Chess Competition"

Secured 1<sup>st</sup> Position in  
"Bhajan Gayika" at Youth Festival

Prince Marakana  
Chandan Lunia  
Khushboo Kapoor  
Bhavik Patel  
Vishal Parmar  
Secured 6<sup>th</sup> Position in "National Robocon Competition- Robocon 2018" among the 108 teams.



FACULTY TRAINING

| Sr. No. | Name of Faculty   | Name of Institute     | Faculty Training                  |                                 |
|---------|-------------------|-----------------------|-----------------------------------|---------------------------------|
|         |                   |                       | Topic                             | Duration                        |
| 1       | Prof. V. P. Patel | N.I.T.T.R, Bhopal     | STTP on Digital signal processing | 20/08/18 to 24/08/18 (1Week).   |
| 2       | Prof. V. V. Patel | R.C.T.I., Sola        | Induction phase 2                 | 27/08/18 to 08/09/18 (2week)    |
| 3       | Prof. L. S. Patel | I.I.T.E., Gandhinagar | Faculty Development Programme     | 27/07/18 to 02/08/18 (1 Week).  |
| 4       | Prof. L. S. Patel | N.I.T.T.R, Bhopal     | Induction Phase-1                 | 22/10/18 to 02/11/18 (2 Weeks). |

GATE QUALIFIED STUDENTS 2019

**DEPARTMENT : INSTRUMENTATION & CONTROL**

|                                                                                                                                           |                                                                                                                                              |                                                                                                                                             |                                                                                                                                         |                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Deep Adhvaryu<br>GATE Score:72/100<br>AIR : 9      | <br>Keval Kajavadara<br>GATE Score:45.67/100<br>AIR : 607 | <br>Dhrumil Khatri<br>GATE Score:45.33/100<br>AIR : 628  | <br>Nisarg Rana<br>GATE Score:41/100<br>AIR : 851   | <br>Parth Patel<br>GATE Score:39.67/100<br>AIR : 929 |
| <br>Vipul Jethwa<br>GATE Score:36.33/100<br>AIR : 1156 | <br>Purv Hansapura<br>GATE Score:36/100<br>AIR : 1172     | <br>Krunal Tamboli<br>GATE Score:30.33/100<br>AIR : 1682 | <br>Fenil Parmar<br>GATE Score:28/100<br>AIR : 1934 | <br>Neha Shah<br>GATE Score:24/100<br>AIR : 2515     |

IF YOU BELIEVE WHAT YOU SAY YOUR WORDS BECOME REALITY

“A ROOM WITHOUT BOOKS IS LIKE A BODY WITHOUT A SOUL.” – MARCUS TULLIUS CICERO

| NAME OF STUDENT                   | COMPANY     |
|-----------------------------------|-------------|
| SHAH NEHABEN JAYESHKUMAR          | MG MOTORS   |
| TANDON KHYATI AJAY                | MG MOTORS   |
| HANSAPURA PURVKUMAR BACHUBHAI     | WELSPUN     |
| JIGAR SURESHBHA PISHAVADIYA       | WELSPUN     |
| JHAVERI HETVI TUSHARBHAI          | TCS         |
| KHATRI DHRUMIL YOGEN              | RELIANCE    |
| DOBARIYA AVADH JASAMATBHAI        | RELIANCE    |
| PATEL DHRUV SHAILESHBHAI          | RELIANCE    |
| PRINCE A. MARAKANA                | RELIANCE    |
| SANDEEP MEHTA                     | ADANI PORT  |
| ABHISHEK ROY                      | ADANI PORT  |
| CHAUHAN SHYAM VINODKUMAR          | COROMANDEL  |
| KALATHIA JAY SHIRISHKUMAR         | COROMANDEL  |
| KAJAVADARA KEVALKUMAR GORDHANBHAI | ADANI POWER |
| JETHWA VIPUL NARANBHAI            | ADANI POWER |
| PATEL PARTH ROHITBHAI             | ADANI POWER |
| PATEL KEVIN MUKESHKUMAR           | ADANI POWER |



“TOGETHERNESS” – a pencil sketch by Mishal Jethwa Student of 5<sup>th</sup> Semester

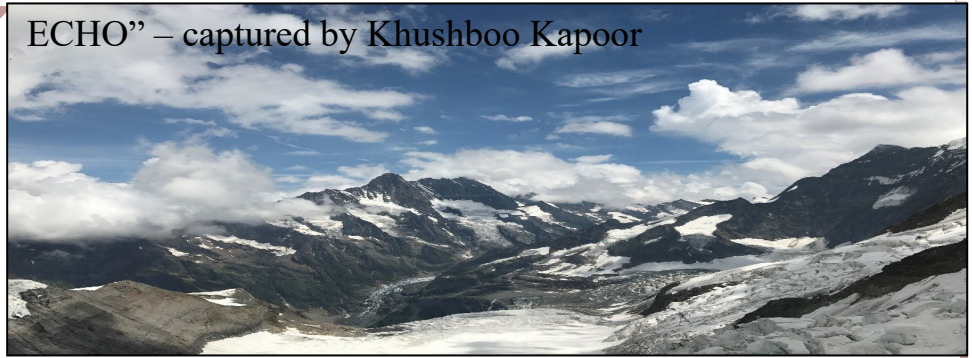


“SILENT SHORE” – a resin art by Janvi Dubal Student of 3<sup>rd</sup> Semester

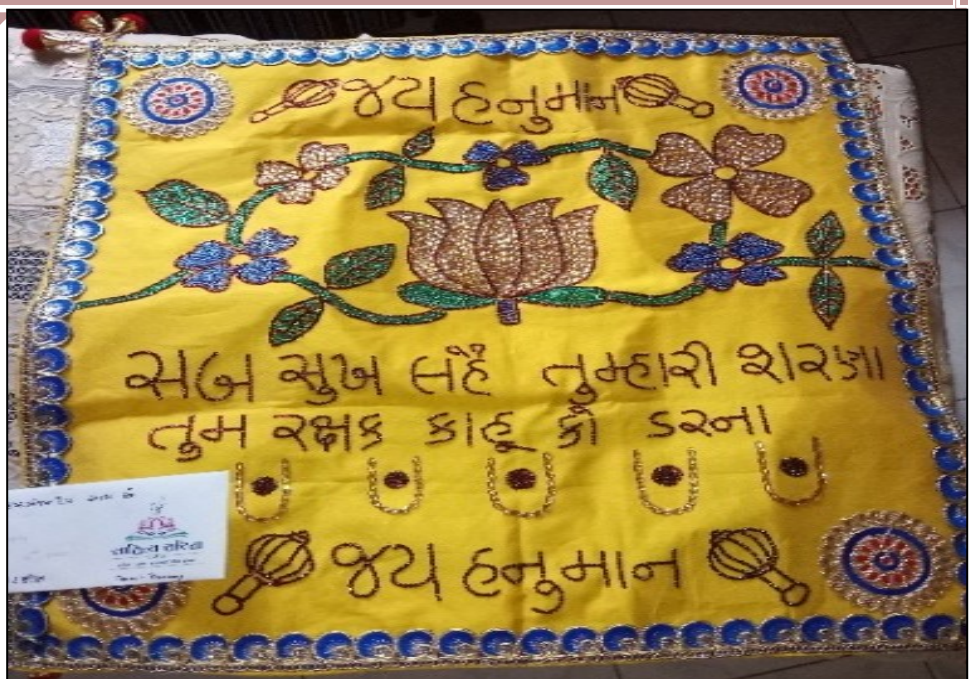
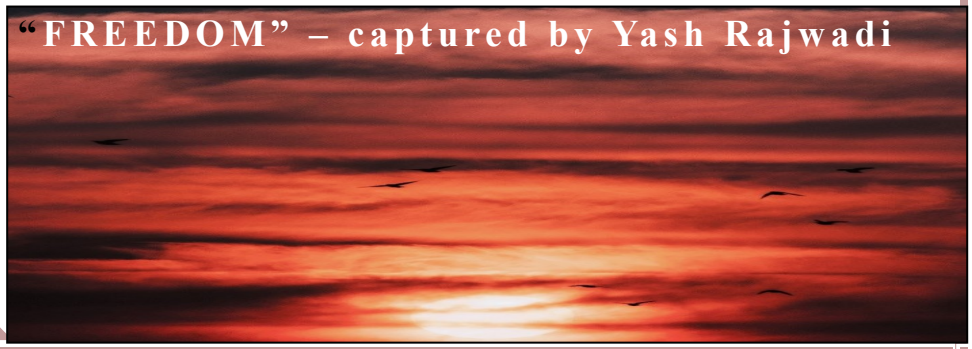
“THE ONLY WAY TO DO GREAT WORK IS TO LOVE WHAT YOU DO. IF YOU HAVEN’T FOUND IT YET, KEEP LOOKING. DON’T SETTLE.” - STEVE JOBS

*“DEVELOP AN  
‘ATTITUDE  
OF  
GRATITUDE’.  
SAY THANK  
YOU TO  
EVERYONE  
YOU MEET  
FOR  
EVERYTHING  
THEY DO FOR  
YOU.”  
BRIAN  
TRACY*

ECHO” – captured by Khushboo Kapoor



“FREEDOM” – captured by Yash Rajwadi



Embroidered by Pranay Parmar



### Mr. MITIN PATEL

Mitin Patel is a Managing and Founder Director of Prima Automation (India) Pvt. Ltd. located in Santej, Ahmedabad. Alumni of 1980 batch "IC" engineer.

He was also on Board of Government in our college for TEQIP activities. He worked with BHEL –Hyderabad, GSFC & Ingersoll Rand for 10 years and started his own business in 1990.

Prima has touched top line of 100 crore. Prima is now one of the biggest Control Panel manufacturing facility in India having huge plant size of 30,000 sq. meters and 250 + man power. They cater high volume of Panels for their customers like Ammann, GE , Siemens, Alstom ,Suzlon , Dresser Rand , Ingersoll Rand ,Flow serve etc.

Prima is Siemens system integrator since last 15 years and has provided very complex Automation solutions using Siemens A&D Products.

The company has achieved Govt. of India's National Award in the MSME category and also won many State/National level awards for excellence in manufacturing.

Prima has been kind enough to provide guidance to our IC students for projects and technical help.

*you have to grow  
from the inside  
out. None can  
teach you, none  
can make you  
spiritual. There  
is no other  
teacher but your  
own soul.*

—Swami

Vivekanand



DR. G. P. VADODARIA, PRINCIPAL, LDCE

Department Faculties and Staff:

DR. MANISH THAKKER, PROFESSOR AND HEAD IC DEPT.

PROF. U. V. SHAH, PROF. V. P. PATEL, PROF. R.C. PATEL—Asso.Prof.

PROF. M.C. PATEL, PROF. V.V. PATEL, PROF. A. K. SHAH, PROF. H. K. SHASTRI, PROF. L. S. PATEL, PROF. D. V. RANINGA, PROF. C.V.SHAH, PROF. K. R. JOSHI, PROF. U. G. SUHAGIA, PROF. N. A. KANANI—Asst. Prof.

Mr.Vishal Patel, Ms. Maya Prajapati—Lab. Assistant

STUDENTS EDITORS TEAM: MAYANK PATEL, DARSHAN SURTI, JANVI DUBAL, YASH DALMIA, JAY MISTRY, DHAVAL VYAS, KINNARI KATEJA, GOPAL DESAI-TEAM ISA LDCE.