



MECHAZINE

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MECHANICAL ENGINEERING DEPARTMENT



July-December 2018

L. E. College, Morbi

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HIGHLIGHTS:

- Student Orientation Programme
- Namo Tablet Distribution
- Departmental Events
- Tree Plantation Program
- Industrial Visit
- Sensitization for SSIP
- SIEMENS Training
- Rangoli at Diwali
- Faculty Corner
- Students Corner

• *Students Orientation Programme*

Mechanical Engineering Department, LEC has organized Student Orientation Program -2018 for newly joined students on Thursday – 19th July 2018. Our respected Principal Dr. N. K. Arora sir has conveyed best wishes to students. Respected H.O.D. Prof. V. P. Pandya had delivered interesting and informative speech to new students. Prof. H. M. Shah shared presentation regarding introduction to CTE, L. E. College and Mechanical engg. dept which was followed by an introduction to Induction program 2018 by Prof. H. D. Patel. The program was ended with National Anthem.



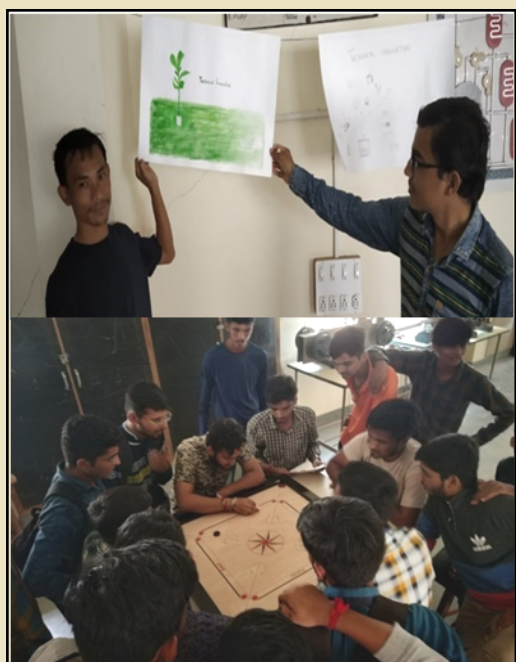
• *Namo e-Tablet Distribution*

Mechanical Engineering department organized Namo-tablet distribution programme on 29th Nov. 2018. Head of Mechanical Engineering Department, Prof. V. P. Pandya addressed the event and explained the benefits of the tablet. And then, Prof. V. P. Pandya and class coordinators Prof. H. M. Shah and Dr. A. N. Dave and other staff members of the department distributed the tablets among 1st semester Mechanical Engineering students.



● *Departmental Events*

Mechanical Engineering Department organised 17 various technical and non-technical events under the guidance of Prof. A. B. Khant, Prof. L. M. Rola and Prof. R. N. Makadia during 14th to 17th Sept., 2018. Total of 260 students of pre-final year & final year participated in the various events. The main objective of these events was to fulfill their 100 Points Criteria through various extracurricular activities. The students participated in the events enthusiastically in large numbers and came up with new and creative ideas in the field of mechanical engineering.



● *Tree Plantation Program*

A departmental “Tree Plantation Program” was held by Mechanical Engineering Dept. on 5th October, 2018 in which the dept. faculties and students participated actively. Total of 8 trees were planted outside Mechanical Workshop and at the department entrance.



● *Industrial Visit*

An Industrial visit was organized by Mechanical Engineering Department with a view to impart knowledge of some technical aspects of Mechanical engineering and their practical applications to the students. Total of 25 students of 5th and 7th semester along with 2 faculty members, Prof. A. B. Khant and Prof. L. M. Rola, visited “Royale Touche Vitrified Pvt. Ltd., Morbi” on 8th October, 2018. This visit was helpful in gaining a better understanding of subjects like Heat Transfer and Oil Hydraulic and Pneumatic systems.



● *Sensitization for SSIP*

“SSIP Sensitization for Sarthak Vidhyamandir School” seminar was organized under SSIP by Mechanical Department on 03/08/2018. Total 80 students have attended the session. In which Prof. J. H. Solanki had delivered session on SSIP and startup awareness to students of 11th standard commerce. Students of school were motivated and their query about SSIP and path to become an entrepreneur was discussed.





● *SIEMENS Training*

Government of Gujarat, in collaboration with Siemens, has established a total of 11 Siemens Center of Excellence (COE) across the state, having laboratories for Industrial Field Training for students. One of the Siemens centers is at L.E. College, Morbi. The faculty members of Mechanical Engineering Department have undergone training at the Siemens COE to enhance their technical knowledge and expertise in following laboratories / courses: 1) Product design and validation laboratory: NX basic design, Essentials for NX designers, 2) Computer Numerical Control lab: Basic of CNC machines, NC Numerical control programming, 3) Rapid Prototyping lab: RPT basics

● *Rangoli at Diwali*

The ladies staff members and girl students of mechanical engineering department made a beautiful peacock at entrance of the department on the auspicious occasion of Diwali, 3rd November 2018.



● *Faculty Corner:*

➤ **Faculty Training:**

1. Prof. A B. Khant has attended "Induction Phase-I" training at NITTTR Ahmedabad, 30th July-10th Aug., 2018.
2. Prof. R C. Ghanghas has attended "Induction Phase-I" training at NITTTR Bhopal, 22nd Oct-2nd Nov., 2018.
3. Prof. H D. Patel has attended "Advances in Refrigeration and Air conditioning" training, 8th to 12th October 2018, at L. D. College of Engineering.
4. Prof. R N. Chovatiya has attended "Finite Element Analysis using ANSYS software" training 24th to 28th Sept. 2018, at NITTTR Bhopal.

➤ **Conference Attended / Paper Published:**

1. D.M.Joshipura, "Investigation of Dynamic Mechanical properties of FDM modelling process using PC materials" IJREAM, ISSN 2454-9150, Vol. 4(7), 2018.
2. D.M.Joshipura, "Investigation of Dynamic Mechanical properties of FDM modelling process using ABS materials", JETIR, ISSN 2349-5162, Vol. 5(11), 2018.
3. D.M.Joshipura, "Application of FDM in RPT technology with the use of ABS & PC", IJRAR, E-ISSN 2348-1269, P-ISSN 2349-5138, Vol. 5(4), 2018.

➤ **Mechanical Department Welcomes:**

1. Prof. Piyush B. Tailor joined Mechanical Engineering Dept., L. E. College Morbi as Professor and Head of the Department on 11th December 2018.



2. Prof. Vikram B. Patel joined Mechanical Engineering Dept., L. E. College Morbi as Professor and Head of the Department on 11th December 2018.



➤ Heartfelt Farewell to:

1. Prof. Lalit M. Mehta, Associate Professor and senior most faculty member
2. Shri N. T. Zinzuwadiya, Workshop Instructor
2. Shri D. M. Jaiswal, Workshop Instructor

● Student Corner

➤ Student Achievement:



Two students of Mechanical Department have cleared Graduate Aptitude Test for Engineers (GATE) 2018, department congratulate them.

1. Kanani Ravi Babubhai GATE Score - 380
2. Chaudhari Dharmik M. GATE Score - 324

➤ Creativity Corner:

8th semester student Ankit Sukla participated in "OPEN MIKE CULTURE" at Ahmedabad. Ankit Shukla has performed Solo performances of nearly 35 mins at L.J. College, Ahmedabad and Rajkot Social house at kavi tales.in



દિનકર પ્રેરણા

અંધેરા દેખકર દિનકર ક્યોં ભયમીત હૈ
અંધેરા મી તો જિંદગી કા મીત હૈ
ક્યોં છુપ રહા એસા કિસી કે આંઝ મેં
નિકલ ,લડ ,જુઝ યહી જિંદગી કે રીત હૈ।
આજ શામ હુઆ તો સબેરા મી આેગા
કલ ઝગતા હુઆ માર્તણ્ડ ફિર રોશની ફૈલાેગા
ગીત યહી સંગીત યહી ,યહી હમારી જીત હૈ
લડ આ ,મુકબલા કર મન મે જો પ્રીત હૈ
ક્યોં ફિકર કર રહા ચાંદ કી શીતલતા સે
ઁસકે જિંદગી મેં મી તો અમાવસ કે નીતિ હૈ
આ ,ચલ ,ઁઠ ,દૌડ ,રુકના મત અબ ચલ
દો દિન ઁ કઠિન ફિર મામલા બિપરીત હૈ
ક્યોં છુપ રહા એસા કિસી કે આંઝ મેં
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By: Ankit Sukla (Sem 8)

➤ Sketch of Lord Ganesha



By: Mohit Sikotra (Sem 4)

EDITORS:

1. Prof. Hiral M. Shah
2. Prof. Amisha B. Khant
3. Prof. Renu C. Ghanghas

STUDENTS COORDINATORS:

1. Vaghela Mitesh (6th Sem)
2. Sikotra Mohit (4th Sem)
3. Makwana Jeet (4th Sem)
4. Makwana Hardik (2nd Sem)