

Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

I. Experiential Learning

1. Laboratory sessions
2. Industry sponsored laboratories
3. Industry based projects
4. In plant training
5. Internships
6. Industrial Visits
7. Engineers Day
8. National Symposium
9. Industry Connect
10. Science Day

II. Participative Learning

1. Student Association
2. Technical quiz
3. Activity Based Events
4. Role Play learning
5. Group Discussions
6. Brainstorming Sessions
7. Debates
8. Design contest
9. "Learn a Technical Word a Day"
10. Know the Industry
11. Cells and clubs

III. Problem Solving Methodologies

1. Case Studies to understand the projects
2. IIIPC Challenge
3. National Hackathons
4. Design contests
5. Special Laboratories

I. Experiential Learning

1. Laboratory sessions

Staff Name: R.Suganya AP/Civil

Lab: Strength of Materials Lab



2. Industry sponsored laboratories

Learning through Industrial sponsored laboratories



3. Industry Based Projects



भारतीय रेल
INDIAN RAILWAYS
डीजल लोको शेड, मौलाली, हैदराबाद
DIESEL LOCO SHED, MOULA-ALI, HYDERABAD

प्रमाणपत्र CERTIFICATE

This is to certify that Mr.V.PRASANTH (ID No.610515114074) studying B-E 3rd year 1st Semester in Mechanical Engineering at Dhirajlal Gandhi College of Technology, Salem has done MINI PROJECT on "TURBO CHARGE AIR SYSTEM IN DIESEL LOCOMOTIVES" at Diesel Loco Shed, Moula-Ali, Secunderabad of Hyderabad Division, South Central Railway from 21-08-2017 to 31-08-2017 under the guidance of Sri.S.SUBHASH NAGNATH, SSE/CRS/DLS/MLY for partial fulfillment of Bachelor Degree award.

Dt.31-08-2017


(शकील रहिमान)
(SHAKEEL RAHIMAN)
मं.वां.इंजि/डी/मी
DME/DLS/MLY
Divisional Mechanical Engineer
डीजल लोको शेड, मौलाली,
Diesel Loco Shed, Moula-Ali,
हैदराबाद मंडल, द.क.रेलवे,
Hyderabad Division, S.C.Railway
Secunderabad/Secunderabad.

4. In plant training



V.S.T. SERVICE STATION

TATA MOTORS

Authorised Service Dealer

Branch : Meyyanur, Alagapuram (P.O.), SALEM - 636 004. Ph. : 0427-3021900 / 2447847 / 2447393.

E-mail : VST@tata-motors.com

July 28, 2018

Principal
Dhirajlal Gandhi college of technology
Sikkanampatty,
Opp site airport
Salem -636309

Sir,

Sub: Inplant training – reg

Ref: Your letter no- Dt 09.07.2018

This is to inform that your following 3rd year BE. Mechanical Engineering students underwent in plant training in our works during the period mentioned below.

| No: | Name of your students | Duration |
|-----|-----------------------|------------|
| 1 | Mr.V.Balaji | 10.07.2018 |
| 2 | Mr.A.Ilayakumar | |
| 3 | Mr.K.Gowrisankar | |
| 4 | Mr..G.Gouthamraj | |
| 5 | Mr.K.Gowthamram | |

During their tenure with us, their conduct and character were found to be satisfactory.

Thanking you.

Yours faithfully,
For V.S.T.SERVICE STATION


J.SENTHILKUMAR
WORKS MANAGER

Reg Office : 199, Anna Salai, Chennai - 600 002.

GSTIN : 33AAHFV3818L1ZW

Service Tax No. AAHFV3818LSD002

CST : 31497

5. Internships

Certificate of student's internship



Ford India

Ford India Private Limited
S.P. Koil Post,
Chengalpattu - 603 204, India.
Ph : 91-44-6740 3333
Fax : 91-44-2745 4277
CIN : U34103TN2000PTC045537
www.india.ford.com

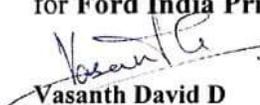
12th April, 2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr Yashvanth Muni Kumar** from Dhirajlal Gandhi College of Technology has successfully completed his project "**Instrumental Panel Mounting Issue**" at Ford India Private Limited, from **3rd January, 2018 till 10th March, 2018.**

We wish him all the very best in his future assignments.

for **Ford India Private Limited**


Vasanth David D
Human Resources

6. Industrial Visits



2018-19



DHIRAJAL GANDHI COLLEGE OF TECHNOLOGY
Accredited by NAAC | Approved by AICTE, New Delhi | Affiliated to Anna University,
 Coimbatore, Salem, Tirupur, Tiruchirappalli | Ph. - 04295 232323 | www.dgct.ac.in

INVITATION

The Management, Principal, Staff and Students cordially extend invitation for
6th Open House Exhibition
 on 28th December 2018



Engineer's DAY
Special Opportunity for Students to
 Showcase their Projects and Models



**Bharat Ratna
 Dr. M. VISWESVARAN**
1980-1982



Mr. H. S. Shivshankar
Divisional Manager - HR
 Ashok Leyland / Housar



Mr. G. Bamesh
Senior Manager - HR
 Ashok Leyland / Housar

In the presence of
Prof. Dhirajal A. Gandhi
Chairman / DGCT

Shri. D. Manojkumar Gandhi
Vice Chairman / DGCT

Smt. Archana Manojkumar
Secretary / DGCT

Dr. S. Saravanan
Principal / DGCT

Dr. M. Sumathi
Dean - Academics

Dr. A. Selvaraj
Dean - Research & R&D / Mech

Inaugural Function

Chief Guest
Shri. Dhirajal A. Gandhi, Chairman / DGCT

Date & Time: 28th December 2018 at 10.30 am

Venue: Electronic Circuits Lab

Agenda / Valedictory Function

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 03 : 30 pm Prayer Song Welcome Address Principal's Address Presidential Address Felicitation Address Introduction of Chief Guest Keynote Address Introduction of Chief Guest Special Address Prize Distribution Students Feedback Vote of Thanks | DGCT Choir Dr. M. Sumathi Dean Academics / DGCT Lighting of Kalshuvilakku Dr. S. Saravanan Principal / DGCT Shri. D. Manoj Kumar Gandhi Vice - Chairman / DGCT Smt. Archana Manojkumar Secretary / DGCT Dr. Ezhilan Associate Professor / ENGLISH Mr. G. Bamesh Senior Manager / HR Ashok Leyland / Housar Ms. K. R. Deepa Assistant Professor / ECE Mr. H. S. Shiva Sanakar Divisional Manager / HR Ashok Leyland / Housar Dr. P. Parandaman Associate Professor / MECH |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Venue
Auditorium

Date & Time
28th December 2018 at 03.30 pm

Engineer's day photos

Students demonstrate their projects to the visitors



8. National Symposium

National level Technical symposium

| S.No | Academic year | Name of the Contest | No of Students participated |
|------|---------------|---------------------|-----------------------------|
| 1 | 2015-16 | Paper Presentation | 150 |
| | | Events | 400 |
| 2 | 2016-17 | Paper Presentation | 203 |
| | | Events | 680 |
| 3 | 2017-18 | Paper Presentation | 688 |
| | | Events | 349 |
| 4 | 2018-19 | Paper Presentation | 254 |
| | | Events | 428 |
| 5 | 2019-20 | Paper Presentation | 238 |
| | | Events | 750 |

Paper Presentation



Contest on IC engine mantling and dismantling



Contest on RC car racing



9. Science Day

First year students Participate in Various Events in DGCT premises



10. Industry Connect

Mechanical Students went to VST motors and interact with Motor Mechanics to about Vehicle Management Systems



II. Participative Learning

1. Student Association



Civil Engineering



Computer Science Engineering



Electrical and Electronics Engineering



Electronics and Communication Engineering



Mechanical Engineering

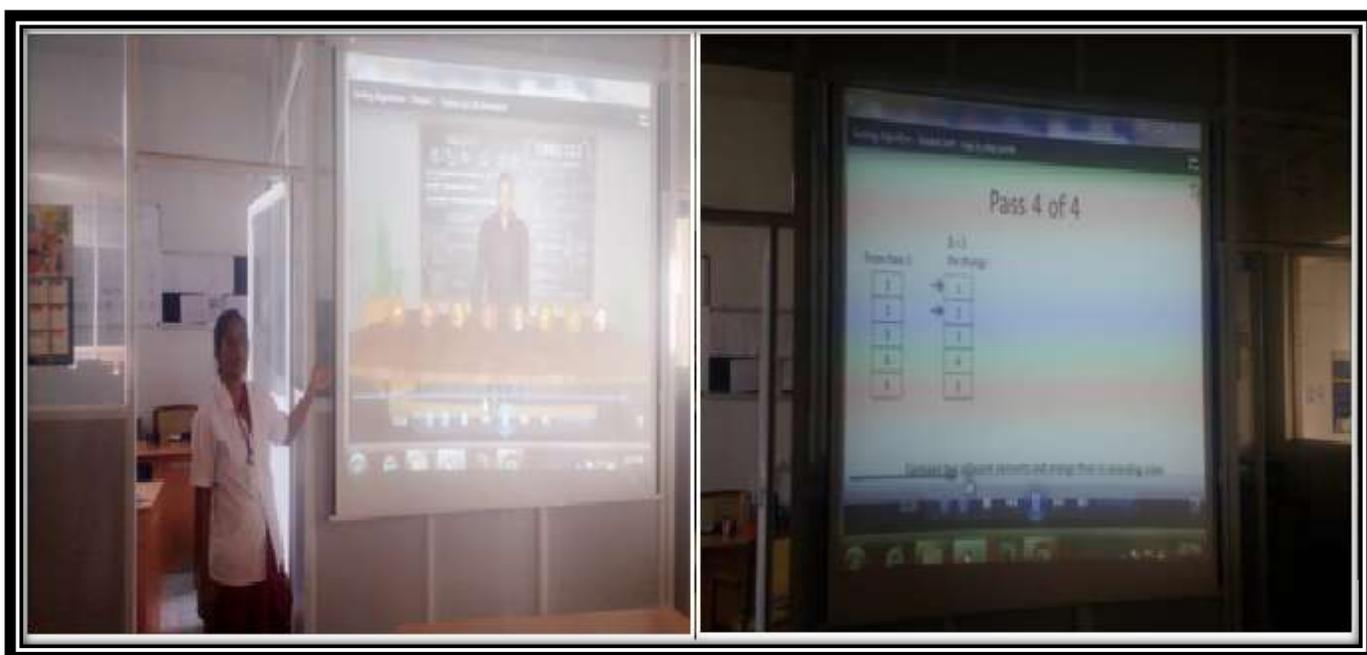
2. Technical quiz Conducted by I Year students



3. Activity Based Events

Activity Name: Multimedia Presentation

Conducted By: Mrs.J.Vaijayanthimala,AP/CSE



4. Role Play learning



5. Group Discussions



6. Brainstorming Sessions



7. Debates



8. Design contest



9. "Learn a Technical Word a Day" and Know the Industry



10. Cells and clubs

| S.no | Name of Club/Cell | Link |
|------|-------------------|-----------------------------------------------------------------------------------------------------------|
| 1 | IIIPC cell | http://www.dgct.ac.in/iiipc.php |
| 2 | IIPC Cell | http://www.dgct.ac.in/iipc.php |
| 3 | EDTIC Cell | http://www.dgct.ac.in/edtic.php |
| 4 | Placement Cell | http://www.dgct.ac.in/placement.php |
| 5 | PALS | http://www.dgct.ac.in/pdf/pals-newsreport.pdf |
| 6 | IIC Cell | http://www.dgct.ac.in/icc.php |

III. Problem Solving Methodologies

1. Case Studies to understand the projects

IV year Civil Students testing their project at DGCT college Premises



III year Mechanical Students testing their project at Salem Junction

Project Name: **Easy steps**



2. IIIPC Challenge

IV year Mechanical student demonstrate their project to the chief guest



3. National Hackathons

- (i) DGCT students participated in Smart India Hackathon 2018 at IIT Roorkee

DHIRAJAL GANDHI COLLEGE OF TECHNOLOGY

DHIRAJAL GANDHI COLLEGE OF TECHNOLOGY
Established: September 2008
Approved by AICTE, Ministry of Education, Government of India

PALS InnoWah Project Contest - Finals
Exhibited at IIT, Madras



Artificial Intelligence based Aqua monitoring BOT by EEE students S.Gokul, S.komaladevi, Srikanth & Shafi Mentored by: Dr.R.MANIKANDAN, AP/EEE

Day 3

#SmartIndiaHackathon
World's Biggest Open Innovation Model

Software Edition (Online Platform)
GRAND FINALE
on
1st - 3rd
August 2020

ORGANIZERS



SMART INDIA HACKATHON 2018



Mr.sadhasivam IV year EEE Received Rs: 50,000/- as scholarship for undertaking training at FORGE- KCT, Coimbatore through Hackathon.

4. Design Contests

