

300 Final Year Diploma Students of MLIDS, Bhandu from Automobile, Computer, Electrical, Electronics & Communication and Mechanical Departments presented their IDPs to Pre-Final Year Students.

Department: Automobile

Our automobile department consists of adequate strength of faculty members with good knowledge & technical skills. We also have the faculty members with the industrial experience 2 to 10 years. As per the guideline of GTU, students and staff members of our institute has visited around 20-25 different industries under the mission of “Sodh-Yatra” at varies cities like Mehsana, Palanpur, Ahmedabad, Himmatnagar etc. We got a tremendous support from the different industries and showed their willingness to give the problem faced by them. Also the students and faculties showed their keen interest in solving their problems. We are able to find out 16 problems under the “Sodh Yatra”. During phase I of IDP in 5th semester, faculty members and students regularly stayed in touch with concern industries. After getting the defined problem faced by industry the individual group of students worked on it and at the end of the 5th semester, they were able to get the problem solution to some extent. In phase II i.e. 6th semester students are working on the final i.e. part of it. Some group got the solution and some are yet working on it.

Department Statistics

Particular	No. of Students
Total no. of projects	18
Total no. of IDP	18
Total no. of UDP	00
Total No. of Presentation	18
Total No. of Students	71

Present Member:

1. Mr. Prahlad Wankar, Sr. Supervisor Shubh Motor Pvt. Ltd., Mehsana
2. Principal M.L.I.D.S , Prof. R.M. Goge
3. H.O.D Mr. S.S. Sharma, M.L.I.D.S
4. Mr. R.H. Prajapati, Lecturer M.L.I.D.S
5. Mr. S.R. Kapadiya, Lecturer M.L.I.D.S
6. Mr. P.I. Patel, Lecturer M.L.I.D.S

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Overview of Presentation

As per the introduction of GTU presentation was arranged for the final year students based on their IDPs. 18 groups have given the presentation on their IDPs. Various members and final & pre-final year students were present at the time of presentation. Presentation concludes the definition of problem, how approached to the problem and step by step to the solution.



Also it was conclude that tremendous efforts were made by the students to justify their work. Presentation session was of around 15-20 minutes of each group, followed by the questionnaire and group discussion and suggestion of the experts and members. By taking the feedback of the students we came to know that the students became much familiar with the industrial market, what it is? & what exactly they want?



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The member other than the institute praised the students and faculty members for their extreme effort for IDP and also praised the step of innovation council to fill the gap between academic institute output and industry requirement.



Suggestions

1. Industry Experts :

He appreciated the vision of GTU innovation council to step ahead in the direction of industry requirement.

2. Faculties of Department :

They congratulated the students for their effort and suggested to still go till deep of the topic and go for the patenting.

Overall it is concluded that by the interaction of institute and industry, the student becomes much more familiar with reality of the industry. By so he tries to develop and mould himself to such atmosphere. The vocabulary and self confidence of students has increased. As we know now a day's very few students get recruitment through campus the reason behind that is students does not satisfy the recruiters demand and there for this short of work will help the student to prepare accordingly.

Department: Computer

Overview

On 13th March 2012, Computer engineering department organized presentations of final year students at seminar hall. The presentation was attended by both final year and pre final year students with the supervision of Industry expert Mr. Mayank Parikh, Telecom Technical assistant, BSNL, Sidhpur and faculties. The students enjoyed their presentations and all pre final year students stayed till the end of the presentations. Some pre final year students have written back to us after the event that the event inspired them to take up their ideas seriously and turn them into ventures.

Department Statistics

Particular	No. Of Designs
Total no. of projects	18
Total no. of IDP	09
Total no. of UDP	09
Total No. of Presentation	18
Total No. of Students	45

Present Member:

1. Mr. M.K. Parikh, Telecom Technical Assistant, BSNL, Sidhpur.
2. Mr. R.A.Nayak, Lecturer, M.L.I.D.S, BHANDU.
3. Mr. I.N.Bahelim, Lecturer, M.L.I.D.S, BHANDU.
4. Mr. P.D.Patel, Lecturer, M.L.I.D.S, BHANDU.
5. Mr. J.N.Mewada, Lecturer, M.L.I.D.S, BHANDU.



The students of computer engineering department also enjoyed the speech delivered by the industry expert. Some good suggestions also marked by the expert and students expected and will fulfill under the supervision of concern faculties.

Department: Electrical

Overview

As decided by the institute all the students in different group visited 40 industries in our area during the SODH YATRA. Among them most of the industries welcome us and give good response. Finally 09 industries were providing their problems to solve our students in the electrical engineering field. Students and the faculties try and success to solve their problems. Most of the students are nearer to complete their project which will see in the presentation.

Department Statistics

Particulars	No. of Students
Total no. of projects	09
Total no. of IDP	09
Total no. of UDP	00
Total No. of Presentation	09
Total No. of Students	45

Present Member

1. Mr. Kalpesh Patel, Director, Real Tech automation, Mehsana
2. Mr. Amit Patel, I/C HoD Electrical Engg,. Department, MLIDS.

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3. Ms. Jagruti Thakar, Councilor, Electrical Engg, Department, MLIDS.
4. Mr. Haresh Patel, Lecturer, Electrical Engg,. Department, MLIDS.
5. Mr. Maulik Patel, Lecturer, Electrical Engg,. Department, MLIDS.

Overview of Presentation

Nine students from each group present their project ideas and methodology on the front of Industry Expert and faculties. All the students successfully completed their presentation and now they are suppose to complete their projects. Suggestions given by the industry expert and faculties must fulfill by the students in their project works. The students get good idea about their projects by the industry expert. All the students enjoyed presentations whole day with industry expert and faculties.



During the presentation of final year students, pre final year students were also participated and enjoyed presentations. The discussion during the presentation with the industry expert and faculties were creating excellent culture and encouragement to the pre final year students. The respective students of the project take minimum 20 minutes for their presentation and 2 to 10 minutes for the discussion.

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All the presentations appreciated by the industry expert Mr. Kalpesh Patel and according to him following projects are very important in industry.

1. An innovative study of Dielectric strength of Transformer oil.
2. Working Model of Automatic safety system of Transformer by overheating.

Department: Electronics & Communication

Overview

12 students from each group present their project ideas and methodology on the front of Industry Expert and faculties. All the students successfully completed their presentation and now they are suppose to complete their projects. Suggestions given by the industry expert and faculties must fulfill by the students in their project works. The students get good idea about their projects by the industry expert. All the students enjoyed presentations whole day with industry expert and faculties.

Department Statistics

Particulars	No. of Students
Total no. of projects	12
Total no. of IDP	11
Total no. of UDP	01
Total No. of Presentation	12
Total No. of Students	48

Present Member

1. Mr. Shailesh Patel, Service Manager, Apollo Industries Ltd, Mehsana
2. Mr. Manoj Patel, I/C HOD, E&C Engg, Department, MLIDS.
3. Mr. Hardik Patel, Coordinator, E&C Engg, Department, MLIDS.
4. Mr. Rashesh Prajapati, Lecturer, E&C Engg, Department, MLIDS.
5. Mr. Rajesh Raval, Lecturer, E&C Engg, Department, MLIDS.



Industry expert agreed that Industry Defined Problem (IDP)/ User Defined Problem (UDP) are be very useful in your future when students doing a job in industry.



IDP/UDP defined that it is the initial level to prove your technical ability of respective field. Also says that we get solution for how to handle the situation when problem will be occurs. Pre-final year students of the E&C department were also taking good interest throughout the presentation and discussion.

Department: Mechanical

Overview

A presentation of the final year students of the mechanical engineering department was jointly organized by Mechanical Engineering Department and UDISHA Club of MLIDS on 13th march 2012 at RHA Hall. The resource person of the presentation was Mr. Jitendra Darji, Manager-Production, APOLLO Earth Movers Ltd., Mehsana. The participants for the workshop were the Final year students, Pre-final year students and faculty members of mechanical engineering department. The motive behind the presentation was to give in-depth knowledge about the industrial project to the GTU students. The presentation also aimed at imparting first hand practical exposure to pre final year students by final year students.



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Department Statistics

Particulars	No. of Students
Total no. of projects	22
Total no. of IDP	19
Total no. of UDP	03
Total No. of Presentation	22
Total No. of Students	91

Present Member

1. Mr.J.B. Darji, Manager-Production, APOLLO Earth Movers Ltd., Khatraj
2. Mr.R.D. Goswami, H.O.D, M.L.I.D.S,BHANDU
3. Mr.K.S. Agnihotri, Lecturer, M.L.I.D.S,BHANDU
4. Mr.M.K. Patel, Lecturer, M.L.I.D.S,BHANDU
5. Mr.I.M. Khambhati, Lecturer, M.L.I.D.S,BHANDU
6. Mr.P.G. Patel, Lecturer, M.L.I.D.S, BHANDU
7. Mr.J.M. Patel, Lecturer, M.L.I.D.S,BHANDU



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The speakers also shared with the audience that they were highly impressed with the level of interaction of the audience and they are willing to conduct more such presentation for the students of Gujarat Technological University.

Industry expert Mr. Jitendra Darji gives some suggestion to improve the content in presentation and try to get thorough knowledge in respective project. He also appreciates some good projects.

All projects supervisors doing a regularly updating in respective projects internally. Students got some ideas from the industrial expert and new skill to prepare a presentation of projects. Some students got daring to stand against people.

Report Edited by: Pinak K. Gajjar, Team GTU Innovation.