

GTU INNOVATION COUNCIL

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All the Udsiha Clubs of Mehsana Sankul ensured that each of its branch in each college present the IDP/UDPs involving Industry mentors, pre final and final year students

IDP Presentation report of Electronics & Communication Department, Civil Department, Computer & IT Department and Mechanical Department of S.P.B. Patel Engineering College, Linch

During the last one month, we organized the project presentation of final year students. For different departments we organized separate presentation on separate day. And for each department we invited individual Industry Expert (Industry Mentor) and we also invited to our chairman, co-chairman and Dean of engineering colleges of our Mehsana Sankul. But some of them are not able to present in all department wise presentation because of they are all ready engaged in other activities.

On the date of 06/03/2011, during the presentation of **CIVIL, Computer and IT** department students our Co-chairman of Mehsana Sankul, **Dr. P. D. Bharadia** was present and gave an excellent guidance to our students. He also gave some suggestion to the students about their projects. He directly interact with students and gives the advise how they becomes serious in their projects & made them projects in such way that it can be used excellently in Industry. As concern to the civil department, he gives a nice suggestion to the students that to make their projects such that it can be used to improve the condition of poor villages.

Project Presentation of Electronics and Communication Department

- Date of Project Presentation : 05/03/2012
- Venue : Seminar Hall, S. P. B. Patel Engineering College
- No. of Groups : 23
- Total IDP : 09
- Industry Mentor : **Mr. Kunjan Shah**
Masibus And Instrumentation Pvt. Ltd.
GIDC Electronics Estate, Gandhinagar

For Project Presentation of EC Engineering students, we invited **Mr. Kunjal Shah** as Industry Mentor. He is working as Sr. Engineer in MASIBUS since more than 4 years. We are honored to invite him as expert during presentation of Electronics students. During the presentation he gave a good suggestion to all students and also gave advice to all students. He

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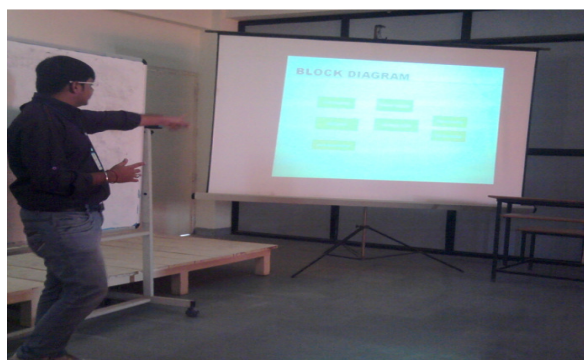
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was solved some problems occurring in project, and try to learn the students to made some projects that can be really helpful more & more in industry.

First we organized the project presentation of EC department on the date of **05/03/2012**. And for this presentation we invited industry expert (Industry Mentor) **Mr. Kunjan Shah**. The Presentation started with inaugural speech of **Mr. Rajesh Ishwar** (Head of EC Department). Then **Mr. Kunjan Shah** started his speech with basic industry requirements and expectations from students' innovation projects. He also talked about research projects and sponsorship from his company for spatial projects might be used in future for Industry. He was appreciated the GTU innovation activity that reduces the gap between students and industry.

After students started presentation one by one group and all the students includes project definition, depth of the project with its circuit and block diagram, its advantages in presentation & main is its application how their projects can be used in industry. And last Our Principal appreciated the best project group that is really includes lots of efforts and based on its effectiveness in industry with the help of our Industry Mentor.

In EC department there are total 23 groups among which 9 groups are defined under industry projects. Our expert is happy with these industry defined projects as well as User defined projects. He was inspired from such type of programs. He appreciated to such type of events that is performed by our college with the help of GTU innovation Sankul.



Project Presentation of Civil Department

- Date of Project Presentation: 06/03/2012
- Venue: Seminar Hall, S. P. B. Patel Engineering College, Linch
- No. of Groups: 26
- Total Project Groups working on IDP: 23
- Industry Mentor: **Mr. Harshal M. Parikh**
VMS ENGINEERING & DESIGN SERVICES PVT. LTD.
Ahmedabad

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Academic:

1) DR. P. D. BHARADIA

Co-chairman (Mehsana Sankul) &
Principal of B. S. Patel Pharmacy College

2) DR. A. RAMAN

Principal of S. P. B. Patel Engineering College

The project presentation of final semester civil engineering students was put up on 6th March 2012 to review their till date progress. The presentation aimed to provide the student an industry perspective to their project. **Mr. Harshal Parikh**, Design Manager – Infrastructure, VMS Consultant-Ahmedabad, was present as the Industry Expert during the presentation. **Dr. Praful Bharadia Principal** - B.S. Patel Pharmacy College and Co-Chairmain-GTU Innovation Council Mehsana Sankul, **Dr. A. Raman** – Principal-S.P.B. Patel Engineering College, **Mr. Pankaj Patel** HOD – Civil Engineering Department , **Mr. Kanu Patel** – UDISHA club co-ordinator of our college and the faculties of Civil Engineering Department were present during the presentation.

A total number of 26 projects are being undertaken by the final year students among which 23 projects are defined under industry projects. The students are carrying out their project individually as well as in teams of 2 to 3 students. The various field to which projects relates includes concrete technology, environment engineering, watershed management, irrigation management, traffic management, geotechnical engineering, energy efficient buildings among others.

The final year students presented a detailed presentation of their till date work carried out by them in the project. The presentation topics covered a short detail of their Shodhyatra and the problem definition, followed by the aim and objectives of the project. The presentation also included literature survey part and the methodology followed in the study, the details study of the area and the data collected. The method being adopted for data integration and analysis were also presented. The result expected and outcome from the study were discussed in brief.

The expert and faculty members present during the presentation reviewed the project in terms of problem identification, its causes, methodology adopted and the various solutions presented. The students were questioned regarding the various aspects of the project like cost benefit analysis, project feasibility, implementation strategy and future scope. Various suggestions and references were given by the industry expert and other faculty members for further work. The suggestions include cost reduction methods, operation and maintenance requirements among others. The experts emphasized to follow a viable approach which will make the project more industry and field relevant.

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Project Presentation of Computer and IT Department

Computer Department

- Date of Project Presentation: 06/03/2012
- Venue: Seminar Hall, S. P. B. Patel Engineering College, Linch
- No. of Groups: 34
- Total Project Groups working on IDP: 34
- Industry Mentor: **Mr. Ajay Leuva**
A TATA ENTERPRISE LTD.
Ahmedabad.
- Academic:

1) **DR. P. D. BHARADIA**

Co-chairman (Mehsana Sankul) &
Principal of B. S. Patel Pharmacy College

2) **DR. A. RAMAN**

Principal of S. P. B. Patel Engineering College

IT Department

- Date of Project Presentation: 06/03/2012
- Venue: Seminar Hall, S. P. B. Patel Engineering College, Linch
- No. of Groups: 27
- Total Project Groups working on IDP: 27

For Project Presentation of Computer engineering students, we invited **Mr. Ajay Leuva** as Industry Mentor. He is working as Sr. Engineer in A TATA ENTERPRISE LTD. since more than 3 years. We are honored to invite him as expert during presentation of Computer engineering students. During the presentation he shared his experience of Industry with the students and also given the guidance to all students. On the date of 06/03/2012, we organized the presentation of computer and IT department students. The presentation started with inaugural speech of **Mr. Hitesh Ishvardas** (Project coordinator). In computer department there are total 34 groups and all groups are defined under industry projects..

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Students of the IT department were present in the MBA hall, they were provided with a projector and a laptop for their presentation. The students have been working in the industry for about a few months. A maturity of working in a industry was reflected in them. Most of them were learning computer languages and implementing the same during their training.

They all gave the presentation explaining the flow of their applications and telling us about the final expected outcome of their projects. They also updated about the latest technology that they have come across during their training. Students have made web applications, mobile applications etc.



Project Presentation of Mechanical Department

- Date of Project Presentation: 10/03/2012
- Venue: Seminar Hall, S. P. B. Patel Engineering College, Linch
- No. of Groups: 23
- Total Project Groups working on IDP: 18
- Industry Mentor: **Mr. Bipin. R Patel**
Anil technoplus Pvt. Ltd.
- Academic:
 - 1) Assistant Prof. **Mr. H .N. Panchal**
Udisha Club co-ordinator in LCIT, Bhandu
 - 2) Associate Prof. **Mr. R. J. Patel**
HOD in PG (Mechanical Engineering, SIT)

For Project Presentation of MECH Engineering students, we invited **Mr. Bipin Patel** as Industry Mentor. He is working as Dy. Manager-Fabrication (Production, Anil Technoplus Ltd.) since more than 7 years. We are honored to invite him as expert during presentation of Mechanical students. During the presentation he gives good suggestion to all students and

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also gives advice to all students. He was directly interacting with each group and he also learns to students how their projects are used in industry in future.

We organized the project presentation for Mechanical department on the date of 10/03/2012. And for this presentation we invited industry expert (Industry Mentor) **Mr. Bipin Patel**. The Presentation started with inaugural speech of **Mr. R. J. Patel** (HOD of PG in Mechanical, S. P. B. Patel Engineering College). He motivated to the students how to complete the projects and he discussed how PG students made their projects. Then **Mr. Bipin Patel** started his speech with basic industry requirements and expectations from students' innovation projects. **Mr. H. N. Patel** (Udisha club co – ordinator in LCIT, Bhandu) discussed with the method how systematically made the projects during the whole semester. He was also discussed about some innovative projects.



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