

# GTU INNOVATION COUNCIL

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## Report of IDP/UDP Presentation of Dr. B.B.A. Govt. Polytechnic, Karad (D.P), Dadra & Nagar Haveli

Prepared by: Dr. B.K. Dandapat, Coordinator UDISHA club

As per GTU Innovation council's direction the UDISHA club was formed in the Institution with Dr. J. B. RANA as patron/principal and Dr. B. K. Dandapat as coordinator. The first meeting of GTU Innovation Sankul (Valsad - Vapi) held on 2<sup>nd</sup> May 2011 chaired by Prof. N. M. Patel in which Shri C. S. Rao, Lect. in Mechanical Engg. attended on behalf of GTU UDISHA Club coordinator from Dr. B. B. A. Govt. Polytechnic.

There are 06 branches in the Institution namely Mechanical Engg., Electrical Engg., Civil Engg., Electronics and Communication Engg., Computer Engg., and Information Technology. Last year the 5<sup>th</sup> semester project work was successfully conducted with the coordination of Local Industry. As Silvassa was having so many Industrial Estates comprising nearly 4000 Industries it is possible for us to get IDP for nearly 80% projects.

Even students are able to do projects at Enercon India Ltd (wind Turbine manufacturer), Alok Industries, Nilkamal Plastics, R.R. Kables and many more to name. The students have been involved as leaders in the complete procedure. Faculty members involved have contributed to their best in making the IDP/UDP Successful.

As per the letter from GTU Innovation council on 23<sup>rd</sup> February 2012 to arrange presentation of all final year projects, we have organized a presentation ceremony at Dr. B. B. A. Govt. Polytechnic on 9th March. Mentors from Industry are invited for the program though their presence was less due to their commitment with the Industry in the month of March.

The detail program with the presentation s follows.

Sr. No.	Branch	Name of the student	Title of the IDP/UDP	Name of the Industry
1	Mechanical Engineering	Sushant Ghosh	Automation of supply of water by controlling the water pump	Alok Industries Ltd.
2	Mechanical Engineering	Ashish D.Maurya	Multiple problems associated with Tube filling Machine and its solution.	Global Health care products Ltd.
3	Mechanical	Sandip Sharma	De-mineralization of water	R.R. Kables Ltd.

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	Engineering		to save the Heat Exchanger pipe from scaling at R.R. Kables	
4	Mechanical Engineering	Bikash Singh	Improvement in Mechanical Assembly process of flameproof-weather proof plugs and socket unit.	Shyam switchgears Ltd.
5	Mechanical Engineering	Parekh Paritosh	Fault in the plastic injection molding machine	Canbara Industry
6	Mechanical Engineering	Anand Dubey	Fabrication of steam tube Boiler	Steam Fab
7	Electrical Engineering	Diksha Bhatt	Improvement of fireproof system	Enercon INDIA Ltd.
8	Electrical Engineering	Adnan Ansari	Speed control of D.C. Motor using D.C. Drive	Ven Petrochem and Pharma Ltd.
9	Electrical Engineering	Abhishek Singh	Modification in peel tester	R.R. kabel Ltd.
10	Electrical Engineering	Saurabh Shukla	High voltage continuity	R.R. wire ltd.
11	Electrical Engineering	Pragnesh Ashvin Patel	Improvement in DOL Starter	Powerica Ltd.
12	Electrical Engineering	Mohan B.Tiwari	Star Delta Starter	TufRopes Pvt.Ltd.
13	Civil Engineering	Utkarsh Singh	Problem occurred during planning and construction of Residential building	
14	Civil Engineering	Chaurasia	Seepage control in building	Dhanlaxmi Co., Vapi
15	Civil Engineering	Shailesh	Some problems and issue related to the mobility of their masonry walls.	Bijwa Avenue
16	Civil Engineering	Ashok Pandey	Planning and construction technique of low cost smart masonry building	Maruti construction, Sillvassa.
17	Electronics & telecomm. Engineering	Surabhi Tanti Priyanka Maurya	Automatic room power controller	UDP
18	Electronics &	Saurav Khosla	Relay gets blanked why?	Lantec India Pvt. Ltd.

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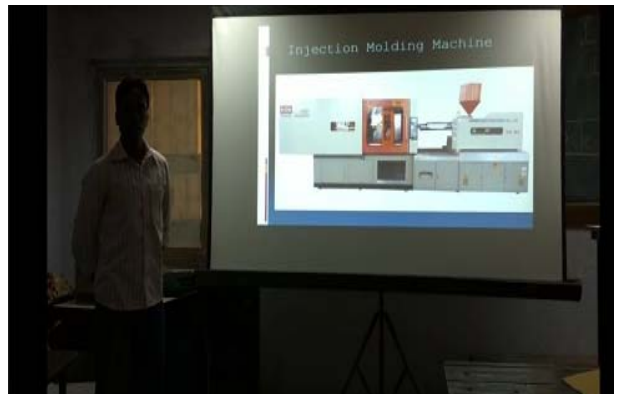
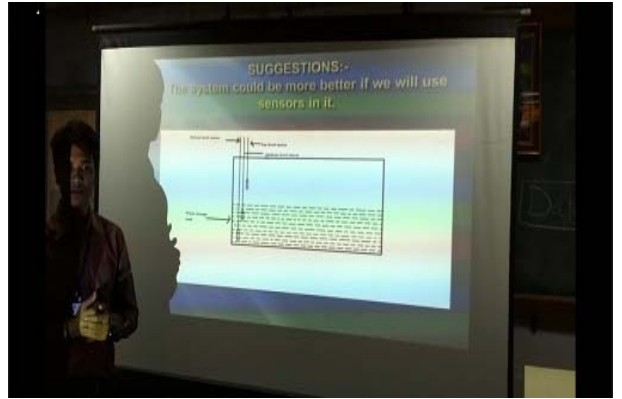
	telecomm. Engineering			
19	Electronics & telecomm. Engineering	Ankit Singh	Temperature sensing problem in jet.	Vinay Print Pvt. Ltd.



Inaugural Speech by Dr. B.K. Dandapat (Co-ordinator UDISHA Club) before presentation by Final Year Students, Mr. B. Mohrana, I/C HOD



Presentation by Mechanical Department Students





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