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#### GTU INNOVATION SANKUL Ahmedabad – 1 (Naroda)

#### **SAL Institute of Technology & Engineering Research**

After making successful attempt of 100% IDP for Students in 7<sup>th</sup> Semester faculties and authorities ensured that their each single team worked with their corresponding industries/took periodic feedback before semester exams to improve quality of each single Final Year project.

SAL Institute of Technology & Engineering Research, Ahmedabad achieved 100% IDP for the 7<sup>th</sup> Semester Engineering students due to the sincere efforts of TPO, Principal, faculties and students of SAL Institute of Technology & Engineering Research.

To validate quality project work and guide each project, a very concrete strategy was adopted under the leadership of the Udisha coordinator and Principal, Prof Rupesh Vasani. Ms. Simple Doshi, TPO of the institute coordinated the efforts with all HODs and systematically ensured a periodic follow up with each industry with whom the students were supposed to work during the whole semester. Faculties personally guided the process and interacted with the students' mentors from the industries to gauge the progress of each project. The following no of students who are doing IDPs were scrutinized by both industry mentors and faculty guides to gauge the the progress

	Department	No. Of Students
1	Mechanical Engineering	60
2	Computer Engineering	60
3	Electronics & Communication Engineering	60
4	Civil Engineering	45
	Total	225

The entire process of industrial validation and gauging the progress was arranged step by step. At initial round of meetings was held with all HODs, TPO and Principal to design a road map. To ensure high cooperation from students, two open interaction sessions were arranged by Team GTU Innovation Council and Mr. Hiranmay Mahanta, met all the students doing project and shared the targeted goals. Feedbacks were sought separately from both industry mentor and college guides to map the needs of the project so that every single IDP is done well.

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**Faculty: Coordinators** 

Civil Engineering Branch- Prof. S P Mehta & Prof. V G Patel

**Computer Engineering Branch**- Prof. Ashutosh Trivedi , Prof. Ankit Patel, Prof. Biren Patel, Prof. Vijay Gadhvi, Prof Neha Bhatt, Prof. Pooja Mehta, Prof. Archan Patel, Prof. Nidhi Barot, Prof. Khusboo Varu, Prof. Varsha Tank , Prof. V Sarvanthi , Prof. Harshil Joshi & Prof. Esha Shah

**Electronics & Communication**: Prof. Krunal Thakkar, Prof Jigar Modh, Prof. Ekta Vasani

**Mechanical Engineering**: Prof. S M Bhatt, Prof. D C Solanki, Prof Sejal Patel, Prof. J P Datani, Prof. Nayana Gandhi, Prof. Purnima Pandey.



Mr. Hiranmay Mahanta, MD Techpedia met all the final year students twice before and after industrial Shodh Yatra and Prof Rupesh Vasani, Director of the institute took all steps to implement it with the support of Udisha club, TPO and HODs.

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SAL Institute of Technology & Engineering Research has taken an initiative to get the students Performance report on every IDP with the industry's representative. Faculty panels / guides from each branch visited different industries for obtaining the feedback of the performance of the students. Students were benchmarked based on the feedback to appreciate their individual contribution.

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#### Annexure – 1

Details of the companies of all the departments:

	Mechanical Engineering, 7 <sup>TH</sup> Sem					
	Total No Of Students - 60					
Sr No	Name Of Company	No Of Students				
1	Alka Industries	8				
2	Mahindra Gujarat Tractor	2				
3	Heavy Metals & Tubes	2				
4	Radhekrishan Extrusions	2				
5	Inger Sol	3				
6	Chem Pso Pvt Ltd	1				
7	Precision Bearings Pvt Ltd	3				
8	Ratnamani	2				
9	Harsha Engineers	1				
10	Shah Alloys	6				
11	Elecon	2				
12	L & T Construction	3				
13	Horizon Microtech	4				
14	Indo Air Compressors	6				
15	Flow Tech Valves	5				
16	Kamlesh Engineering	5				
17	Pixel Technology	2				
18	Gujarat State Electricity Cor Ltd	3				
	Total	60				

	Computer Engineering, 7 <sup>th</sup> Sem-60		
	Total No Of Students - 60		
Sr No	Name Of Company	No Of Students	
1	Pixel Tech	2	
2	EZ Data Intelligence	3	
3	Aspire Software Solution	3	
4	Lee Pee Infosys	2	
5	Wizzotech	12	
6	Biz Tech Consultancy	2	
7	Equos Infotech	8	
8	Rudra Infotech	3	
9	Pratikar Technologies	3	

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	Total	60
16	Espark software solution	1
15	I will Study	1
14	CMC	2
13	Aptech Ltd	3
14	Pigeon Technologies pvt Ltd	2
13	Swing Solution	3
12	Electro eservice	3
11	Innoventa Technology	3
10	Virtual Heights	4

	Electronics & Communication, 7th Sem		
	Total No Of Students - (	60	
Sr No	Name Of Company	No Of Students	
1	ISRO	3	
2	Hitachi Hi real Power	4	
3	Sahjanand Laser Technology	8	
4	CMC Ltd	4	
5	Samyak Instrumentation Pvt Ltd	3	
6	Automation Engineers	2	
7	Truzhler	8	
8	Amee Electronics	4	
9	Kaprej Powertronics	6	
10	Indo Power Engineers	8	
11	Teleview Electronics	3	
12	Masi Bus	4	
13	Suvik Electricals	3	
	Total	60	

	Civil Engineering - 7 <sup>th</sup> Sem		
	Total No Of Students - 45		
Sr No	Name Of Company	No Of Students	
1	Alpesh Purshotam Patel	3	
2	L & T Construction	4	
3	V square projects, Naroda	3	
4	The Others Site	4	
5	Synthesis space link	4	
6	Sangath Infrastructure PVt Ltd	5	

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	Total	45
13	LUJ Water solutions	3
12	Balaji rela Estate	4
11	Safal Group	4
10	Shree Infracon Pvt Ltd	3
9	Selven Contruction	2
8	Anbuja Cement	2
7	Shanti Krupa	4

Report Prepared by: Pinak K. Gajjar, Team GTU Innovation Council.

#### Sample Case-1 Mechanical Eng Dpt

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		NEERING RESEARCH
		ty Report on IDP Visit
	r	<b>N</b> E Department
1 Name of Faculty:		Sejal J. Petel 3 1/5. P.m.
2 Date of Industry Visit and	Timings:	6/10/12 3.13. P.m.
		S LTD.
4 Person Contacted:	T. D. Partel	
5 Feedback from Industry P	erson (Student W	ise)
Student No:	Attendance	Performance evaluation by Industry Person
Patel Dilip J	87x.	counte - good
Peter Virging J		Derbormence - excellent
Pather Welang		Beleviour - good
Solami Vijeysi	W	
Project Title / Platform:	Design of	change the pin.
Team No: SALIT	ER 172 (	SALITER OSTMEITZ)
6 Feedback from faculty (S	tudentWise)	
	Present Yes /	
Student No:	No.	Performance evaluation by internal guide
04	705	75 - 5 - 5 - 6
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Progress of Work:		
Marke	a good	design for pin.
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7 Detail Feedback(if Any)		
/ Detail reedback(ii Air)		
For, Shah Alice	ovs Limited	
For, Shah Alic	lys Lintited	S.J. Peiter
( V	bys Limited	S-J. Pater (6/10/1%

Sample Case-2 ECE Department

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Faculty Report on IDP Visit  E. C Department  1 Name of Faculty: 2 Date of Industry Visit and Timings: 3 Company Name: Sahayanad laser rectioning Not list 4 Person Contacted: 4 Person Contacted: 5 Feedback from Industry Person (Student Wise) 5 Feedback from Industry Person (Student Wise) 5 Feedback from Industry Person (Student Wise) 6 Feedback from Industry Person (Student Wise) 7 Project Title / Platform: 8	50	SAL INSTITUTE OF TECHNOLOGY & ENGINEERING RESEARCH
1 Name of Faculty: 2 Date of Industry Visit and Timings: 3 Company Name: 4 Person Contacted: 4 Person Contacted: 5 Feedback from Industry Person (Student Wise) 5 Student No: 6 Attendance 6 Performance evaluation by Industry Person 6 Low Land Land Gold Gold Gold Gold Gold Gold Gold Gol		Faculty Report on IDP Visit
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5 Feedback from Industry Person (Student Wise) Student No:	1 Name of Faculty:	Kuldeep Shirkla
5 Feedback from Industry Person (Student Wise) Student No:	2 Date of Industry Visit	and Timings:
5 Feedback from Industry Person (Student Wise) Student No:		sahajanad saser recommend
5 Feedback from Industry Person (Student Wise) Student No:	4 Person Contacted:	Mr. Hardik Vadhadiya
Student No:  Nabasserra Vora Sp. 9. Done with development of sp. 1  Project Title / Platform: Multichannel Data lagger with ac  Team No: 05  6 Feedback from faculty (Studentwise)  Student No:  No.  Present Yes / No.  Performance evaluation by internal guide  Nidli Modi  Progress of Work: Regularly Attendant the tompany. Genus effects being put in Development of project  is on right Scale.	5 Feedback from Indust	try Person (Student Wise)
Project Title / Platform: Multichannel Data logger with the Project Title / Platform: Multichannel Data logger with the Team No:  6 Feedback from faculty (StudentWise)  Student No:  No.  Performance evaluation by internal guide  Nichtis Modi  Progress of Work: Pegularly Attendant the tompany. Genus effects being put in Development of project  is on right Scall.		Attendance   Performance evaluation by Industry Person
Project Title / Platform: Multichannel Jala Logger with Mc Team No: 05 6 Feedback from faculty (StudentWise)  Student No: No. Performance evaluation by internal guide  MulabSerra Vora Both play Acctive part  Nichli Moch Level opment of project  Progress of Work: Regularly Attendant the company. Term  effects being put in Development of project  N our night Scall.		
Project Title / Platform: Multichannel Data logger with all Team No: 05  6 Feedback from faculty (StudentWise)  Present Yes / No.  Performance evaluation by internal guide  Mulsabsera Nora  No.  Performance evaluation by internal guide  Mulsabsera Nora  Progress of Work: Pegulary Attendant the Company. Genus effects being put in Development of project is on right Scale.		
Team No: 05 6 Feedback from faculty (StudentWise)  Student No: No. Performance evaluation by internal guide  MulabSerra Vora Both play Active past  Nidli Modi Aprolopmont of project  Progress of Work: Regularly Attendant the tompany. Genus  effects being put in Development of project  is on right Scale.	Nidlin Moo	1 80%
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Team No: 05  Feedback from faculty (StudentWise)  Student No: Present Yes / No. Performance evaluation by internal guide  Mulapserra Vora Both play Acotive part  Nichti Modi Aenolopment of project  Progress of Work: Regularly Attendant the tompany. Genus  Effects being put in Development of project  is on right Scale.	Project Title / Platfor	m: Multicharriel Lata logger with Mc
Student No:    Present Yes /     No.   Performance evaluation by internal guide   MulabSerra Vora   Both play Active part     Nichti Modi   Alexalopmont of project     Progress of Work: Regularly Alternature of project     Effects being put in Development of project     Detail Feedback(if Any)		
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Mulassera Vora Both play Active past in understanding 4 Nidhi Modi  Progress of Work: Regularly Attendant the company. Genin  Effects being put in Development of project  is on right Scale.  7 Detail Feedback(if Any)		Present Yes /
Nidli Modi development of project.  Progress of Work: Regularly Attendant the company. Gening effects being put in penelopment of project is on night scale.  7 Detail Feedback (if Any)		
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7 Detail Feedback(if Any)		O CONTRACTOR OF
7 Detail Feedback(if Any)	Progress of Work:	Regularly Attendant the company. Went
7 Detail Feedback(if Any)	-o Heath	being but in Development of project
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Sample case-3 Computer Engineering Dpt.

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#### ENGINEERING RESEARCH

**Faculty Report on IDP Visit** 

**CE Department** 

LI	Name of Faculty:		ASHUTOSH N TRIVEDI
1	Date of Industry Visit and T	mings:	5-10-2012, 11:15 AM. Friday.
	Company Name:		ELECTRON e-SERVICE PVT. LTD.
	Person Contacted: Smpar 76000	ti. Patel 56386, S	mphiti@ eespl. us.
5	Feedback from Industry Per	son (Student W	/ise)
-	Student No:	Attendance	Performance evaluation by Industry Person
I	09CE020	75%	Very Sciencier Sincear, Regalar.
-	09CE025	757.	Very Sincear.
	Project Title / Platform: ① Team No: T7	nline Ex	amination system I JAVA (eclips).
	Feedback from faculty (Stu	dentWise)	
	recuback from tables, (	Present Yes /	
1	Student No:	No.	Performance evaluation by internal guide
	09CE020	No	Sincear hurs courker, Regular in Reporting
	09CE025	No	Simony hand worker Regular in Repartion
	Progress of Work:  Project finally six  is Complete,  Coding, Testing	is Comp	lete, work flow and dotabase designing Jepleyment is not yet Complete
7	Detail Feedback(if Any)		

Solices Offices Office

K. N. Thiresi 5/10/2012. Sign of Faculty With Date

Sample Case-4

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<i>J</i>		
/	AL INICTIT	UTE OF TECHNOLOGY &
0177	ENGIN	IEERING RESEARCH
	Faculty	y Report on IDP Visit
		CE Department
1 Name of Faculty:		15/09/2012 (10=30 A.M.) PNILLO
2 Date of Industry Visit and T	imings:	RA. Ltd.
4 Person Contacted:	gna R.	Dalal.
5 Feedback from Industry Pe	Attendance	Performance evaluation by Industry Person
Student No:	29/30	
090670108003	97/30	Tits. v-good & Satisfactory.
1090670108013	27/30	WEIGHT OF THE STATE OF THE STAT
090670106048		
Project Title / Platform: Fo	athquake relu	ted analysis of structural down.
Team No: 067 C-6		Sign with steen
6 Feedback from faculty (Stu	Bresent Yes /	113
Student No:	No.	Performance evaluation by internal guida
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604		
Progress of Work:	~	12k compled,
(a) E	55 %. 601	
7 Detail Feedback(if Any)		
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		15/03/
		Sign of Faculty With Date