Group Discussion Activity

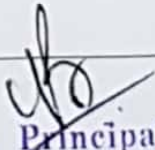|	
1	**Objective:** To prepare students for effective communication skills and interpersonal skills with focus on academics and placement
2	**Details of conducted activity:** Group discussion activity conducted by MMS department for second year PG (MMS) student in September 2015.
3	**Objective of the activity:** • To prepare students on knowledge of current affairs • To evaluate communication skills of students and counselling • To help student to develop their interpersonal skills, and to build up self confidence
4	**Details of Students:** See attachment containing additional document (70 students)
5	**Details of conducted activity:** This group discussion activity was conducted specialization-wise. Students were divided as per marketing, finance, HR, Operations and Systems category. Topics for group discussion were: • Beef Banning- is it justified? • Mahatma Gandhi deserves to be featured on currency notes • Extreme feminism • Should euthanasia be legalized? The evaluation parameters were overall grooming, body language, eye contact, communication skills, knowledge of the subject / current affairs
6	**Performance details student before conduction of activity:** • Student were having low-confidence about their representation in discussion • Student lacked knowledge of diverse abstract topics • Student were short of on the awareness level of technicalities required for body language, and interpersonal skills **Performance details of student after conduction of activity:** • Student improved on how to interact during group discussion • Student understood the expectations of corporates / industries while selection process • Activity build up self confidence among the student to appear for GD • Student came to know the necessity of current affairs knowledge • Group discussion helped students to deal with abstract topics
7	**Conclusion:** Group discussion activity helped student to develop self-confidence, collaborative interpersonal skills in order to prepare them for the placement operation.
8	**Faculty In-charge details:** Prof. Manasi Phatak Dept. of MMS, VIT, Wadala

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Antop Hill, Wadala (E), Mumbai-37.

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VIT

Vidyalankar Institute of Technology

Academic Year 2015

MMS Sem III (System)

Sr No.	Roll No	Name of the Students	GD				PI				
1	14106A1014	NIKHIL SONAR	P	5			A				
2	14106A1022	JEEVAN MUNDHE	P	5			A				
3	14106A1033	AKHIL CHEEROTH	P	8			P	8			
4	14106B1051	PUSHKARAJ PATIL	P	6			AP	7			
		Total Present Students	4				2				
		Prof.Sign.									

VIT

Vidyalankar Institute of Technology

Academic Year 2015

MMS Sem III (Finance)

Sr. No.	Roll No	Name of the Students	GD				PI				
1	14106A1004	SUSHREELAXMI SINGH	P	7			P	7			
2	14106A1009	AYAZ MOMIN	A				A				
3	14106A1013	RANJIT KADAM	A				A				
4	14106A1026	RUKSHIE PANESAR	P	8			P	8			
5	14106A1027	SUMIT BANSODE	A				A				
6	14106A1028	SNEHA MOHITE	P	6			P	7			
7	14106A1029	PRATIBHA WAGH	A				P	7			
8	14106A1037	SANDESH MANDAVKAR	A				A				
9	14106A1042	ANKITA PINGALE	A				A				
10.	14106A1048	VIVEK GOHIL	A				A				
11	14106A1059	AKSHAY GADADE	A				A				
12	14106A1062	DINESH KUMAR YADAV	A				A				
13	14106A1063	DARSHITA SHAH	A				A				
14	14106B1001	PRANAV BAPAT	A				A				
15	14106B1002	SAYLI TEMBWALKAR	A				A				
16	14106B1008	SANDEEP CHAURASIA	A				A				
17	14106B1014	SANKET NIVGUNE	A				A				
18	14106B1016	DANISH QURESHI	A				A				
19	14106B1022	PRANALI SHAH	P	7			P	7			
20	14106B1026	SHANTARAM JADHAV	A				A				
21	14106B1027	MADHURA RANADE	P	7			P	7			
22	14106B1028	MRUDULA NARKAR	A				A				
23	14106B1030	SIDDHESH WORLIKAR	A				A				
24	14106B1032	PREMKUMAR VYAS	A				A				
25	14106B1034	YOGITA ACHAREKAR	P	7			A				
26	14106B1035	GAURAV PATIL	A				A				
27	14106B1038	JIGNESH PATEL	A				A				
28	14106B1041	PRIYANKA THORAT	A				A				
29	14106B1044	ANITA JADHAV	A				A				
30	14106B1045	ARJUNPRASAD GUPTA	A				A				
31	14106B1047	SUMIT JAISWAL	A				A				
32	14106B1048	MITESH JOSHI	P	7			A				
33	14106B1049	SHUBHANGI ROKADE	A				A				

									A			
34	14106B1050	PRIYA BARVE	A				A			
35	14106B1052	MAYUR KATE	A				A			
36	14106B1053	SAUGHAT DASS	A				A			
37	14106B1054	PRASAD MORE	A				A			
38	14106B1055	PRANALI SHELKE	A				A			
39	14106B1057	AJINKYA HIRVE	A				A			
40	14106B1059	VISHAL PAWAR	A				A			
41	14106B1060	DHANANJAY PRAJAPATI	A				A			
42	14106B1062	SUNAINA PATIL	A				A			
	Total Present Students		7				6			
	Prof.Sign									

VIT

Vidyalankar Institute of Technology
Academic Year 2015
MMS Sem III (Operations)

Sr. No.	Roll No	Name of the Students	GD				PI			
1	14106A1003	SIDDHANT CHAVAN	P	7			A			
2	14106A1019	SAUMITRA PANCHAL	A				P	7		
3	14106A1020	ABHINANDAN SAWANT	P	8			P	8		
4	14106A1021	JITENDRA NEMADE	P	7			P	8		
5	14106A1031	OMKAR GOWLI	P	7			P	6		
6	14106A1034	TANVI SAHASRABUDDHE	P	9			P	8		
7	14106A1045	ABHIJIT PRABHU	A				P	7		
8	14106A1051	ROHAN MATHKAR	P	7			P	7		
9	14106A1058	NEENAD JAMBHULKAR	P	8			A			
10	14106A1061	PRASHANT KHEDEKAR	A				P	7		
11	14106B1006	PRAJAKTA KHADE	P	6			A			
12	14106B1019	SHASHANK KHARAT	P	6			A			
13	14106B1020	SANDEEP TAJANE	P	8			P	8		
14	14106B1021	PRATIK SHIRKAR	P	7			A			
15	14106B1036	PURNIMA THAKUR	A				A			
16	14106B1042	SAGAR WAGHOTKAR	P	4			A			
17	14106B1058	RUTUJA WAGH	P	6			P	6		
18	14106B1063	JESURUN GADDE	P	6			P	6		
		Total Present Student	14				11			
		Prof.Sign								

Vidyalankar Institute of Technology

Academic Year 2015

MMS Sem III (Marketing)

Sr. No.	Roll No	Name of the Students	GD				PI				
1	14106A1001	JIMIT MEHTA	A				A				
2	14106A1002	SANYL DALAL	A				A				
3	14106A1005	TANAY LOKARE	A				A				
4	14106A1006	NIKHIL TIWARI	A				P	7			
5	14106A1008	ANKITA KATE	P	7			P	7			
6	14106A1010	GRISHMA CHUNEKAR	P	7			P	8			
7	14106A1011	PALLAVI ADKAR	P	8			P	8			
8	14106A1012	HARSHADA LOTLIKAR	P	7			A				
9	14106A1015	SNEHA SILVERI	P	9			P	9			
10	14106A1016	TANMAYI MHATRE	P	7			A				
11	14106A1017	AJINKYA WANJALKAR	A				A				
12	14106A1018	AMEY BHANDARI	P	6			A				
13	14106A1023	MANDAR KULKARNI	P	8			A				
14	14106A1024	KAUSTUBH THAKUR	A				A				
15	14106A1025	MEDHAVI MOKASHI	P	9			P	8			
16	14106A1030	SANIT GURAV	P	9			P	8			
17	14106A1035	BHAVESH PADAYA	A				A				
18	14106A1038	MUKESH AMBALLA	A				A				
19	14106A1039	JEET SAWANT	P	9			A				
20	14106A1041	OMKAR KHANVILKAR	P	7			A				
21	14106A1043	SONALI TAJANE	A				A				
22	14106A1044	RAHUL TAYADE	P	7			P	8			
23	14106A1046	KAILAS PAWAR	A				A				
24	14106A1047	SHASHIKANT YEDLE	A				A				
25	14106A1049	KARAN RAJBHOJ	A				P	6			
26	14106A1050	PRATHAMESH SAWANT	A				A				
27	14106A1052	ANIKET DESHMUKH	A				A				
28	14106A1053	PUJA KUMAVAT	P	6			A				
29	14106A1054	Kedar Govekar	A				A				
30	14106A1055	NIKHIL WALEKAR	A				A				
31	14106A1057	SANDIP AMTE	A				P	7			
32	14106A1060	CHETAN KUTE	A				P	7			
33	14106B1004	SHAIKH MOHD ISHTIYAQ	A				A				

VIT Vidyalankar Institute of Technology

Academic Year 2015

MMS Sem III (HR)

Sr. No.	Roll No	Name of the Students	GD				PI				
1	14106A1007	SIDDHESH WAMAN	P	7			P	8			
2	14106A1032	SHWETANK JAMBHULKAR	A				A				
3	14106B1003	NEHA VADOR	P	7			P	7			
4	14106B1007	ANJALI SINGH	P	9			A				
5	14106B1017	SUSHMITA CHAHANDE	P	9			P	8			
6	14106B1025	PRARTHANA PADHYE	P	7			A				
7	14106B1029	BHAVYA MOOLYA	P	6			A				
8	14106B1031	PALLAVI PAKHARE	P	7			A				
9	14106B1037	TEJAL MESTRY	P	8			A				
10	14106B1065	JOHN GOMES	P	7			A				
11	14106B1066	DISHA SHARMA	A				A				
		Total Present Students	9				3				
		Prof.Sign.									

34	14106B1005	RAMU KAMTAM	A			A			
35	14106B1015	RUSHIKESH JAJU	P	7		P	8		
36	14106B1023	NIKHIL CHALKE	A			A			
37	14106B1024	ABHIJIT BARAHATE	A			A			
38	14106B1033	YOGESH DALVI	A			A			
39	14106B1039	RAHUL RANE	A			A			
40	14106B1040	DHANANJAY BARNWAL	A			A			
41	14106B1043	ROHAN UNAVANE	A			A			
42	14106B1046	SWAPNIL SHELKE	A			A			
43	14106B1056	SNEHA NIKAM	A			A			
44	14106B1061	SHEKHAR MHATRE	A			A			
45	14106B1064	SUDARSHAN SHETTY	P	6		A			
		Total Present Students	16			12			
		Prof.Sign							

Name – Siddhesh. Waman.

Age – 25

Batch – A

Adjective to define you – Patience, Knowledgeable, Adaptive, Innovative.

What are your strengths?

Adaptive, Kindness, Polite.

What are your weaknesses?

Can't concentrate for more than 5 hours.

Tell us about a situation when you failed to communicate appropriately?

N/A

What major challenges and problems did you face? How did you handle them?

Not getting admission in TISS. But I moved on and took it positive to pursue MMS.

What has been the greatest disappointment in your life?

Not achieving targets in a quarter despite coming very near of achievement.

What has been the happiest moment in your life?

Getting good score in SSC.

What do people most often criticize about you?

Weird Personality & Choices.

Tell me about the most significant presentation that you've ever had to do.

About BEM Session in VIT. It was full of excitement & thrill with pressure. I was awarded first prize with my team. for performance.

Do you prefer to communicate verbally or in written form? Why?

Verbally, because we cannot express feeling properly in written form.

7 (Banning beef – is it justified?)

estern formals.

Good Communication skills.

Good knowledge.

2 + 1 + 2 + 2 = 7

PI –

Jestern Formals.

Good communication skills.

Tata Group

25 k per month.

2 + 2 + 1 + 2 + 1 = 8

Should brand ambassadors be held responsible
for an unhealthy product

Name – Rukshie Panesar

Age – 23 yrs.

Batch – MMS – Batch 2014-16

Adjective to define you –
   well - organised.

What are your strengths?
   Team player

What are your weaknesses?
   Weak in MS Excel – Practising at home to overcome.

Tell us about a situation when you failed to communicate appropriately?

What major challenges and problems did you face? How did you handle them?
Casennials event – Just a day before the event the entire format of the event was changed.

What has been the greatest disappointment in your life?
   None.

What has been the happiest moment in your life?
   Shook hands with the Ex Managing Director of TATA infront of the entire MMS batch of 120 students.

What do people most often criticize about you?
   Bad Temper, Overthink a lot, underestimate myself.

Tell me about the most significant presentation that you've ever had to do.
Business Excellence Model – Presentation on Measurement. Analysis & Knowledge Management

Do you prefer to communicate verbally or in written form? Why?
Verbally. Because it is a quicker mode of communication. Can easily convey through the tone ... thereby reducing the chances of Misinterpreting

Should Euthanasia be legalized?

Western formals.

good communication skills.

2 + 2 + 2 + 2 = 8

PI.

Indian formals.

- Delloite.
- 3.5 to 4.00 lacs.
- Good communication skills.
- 2 + 2 + 1 + 2 + 1 = 8

TOPSIM®
LEARNING BUSINESS BY DOING BUSINESS

P TOPSIM –
General Management

Participant's Manual – Part I
Introduction

Version 13.0
Standard Scenario

Principal
Vidyalankar Institute of Technology
Antop Hill, Wadala (E), Mumbai-37.

1 What is TOPSIM – General Management?

TOPSIM – General Management offers a challenging, computer-based management simulation. Together with your teammates you will form a business team that will take over the leadership of a company in the printing and copying industry. The simulation presents a realistic model of a company and provides participants the opportunity to:

- Learn quickly
- Learn in a risk-free way
- Gain practical experience with lasting, long-term effects

The management simulation is an interactive teaching and learning system based on the principle of:

LEARNING BUSINESS BY DOING BUSINESS

The training objectives of TOPSIM – General Management

TOPSIM – General Management will help teach you to:

- Make better business decisions
- Gain experience thinking about the overall impact of your decisions
- Think more effectively about the links between different decision areas
- Define economic goals and strategies and implement them in a dynamic environment
- Understand the fundamentals of marketing
- Analyze financial figures and put insight into practice
- Learn to use business tools like cost accounting and income analysis
- Maintain control of a business under uncertain conditions
- Maintain overall control of difficult tasks
- Learn to think and act in an inter-disciplinary way
- Develop the ability to structure and solve problems
- Develop a view for the essential problems
- Practice effective communication through visualization
- Define and solve problems in teams with the aid of data-processed planning models

TOPSIM – General Management Workshop

Date: 8ᵗʰ and 9ᵗʰ October, 2012

Venue: Classroom F301

Batch: All specialization

Total number of participants for the workshop: 43

Total number of students present for the workshop: 28

Program Facilitator: George Sankal, Tata Interactive Services, Mumbai

Program Co-ordinator: Radhika Joshi, Assistant Professor, VIT-MMS

List of students: 8ᵗʰ and 9ᵗʰ October, 2012

Roll No.	Name	Specialization
11-E62	Rishabh Shah	Marketing
11-E61	Shardul Sanjeev Salgaonkar	Finance
11-E19	Pooja laxmi shankar Gupta	Finance
11-E14	Ritesh Gangaraj Deeti	Marketing
11-E44	Puneet Singh	Marketing
11-E47	Manoj Shivkumar Tiwari	Marketing
11-704	Praveen Mohan Angari	Operations
11-E20	Pritam Namdev Jadhav	Finance
11-E56	Milind Naresh Golha	Finance
11-703	Alan Savio Alex	Systems
11-E48	Nikita Vinod Tripathi	Marketing
11-E49	Savio Varghese	Marketing
11-E32	Mugdha Parikshit Nalawade	Finance
11-E37	Hemlata Ramdas Raundhal	Finance
11-E54	Barboza Ryan	Finance
11-E46	Priya Bipin Thacker	Finance
11-E50	Vijay Suresh Vasagadekar	Marketing
11-E54	Omkar Anant Bhosle	Marketing
11-723	Mayuri vasant khedekar	Operations
11-E38	Deepali Ashok Sangle	Finance
11-E40	Navedakhtar Aslam Shikalgar	Finance

11-E52	Smita Murlidhar Waghmare	Finance
11-E45	Hemant Pradeepkumar Solanki	Finance
11-E58	Dharnendra Jain	Marketing
11-E59	Omkar Rajesh Khot	Marketing
11-E41	Anand Machindra Shinde	Finance
11-E42	Ankita Devidas Shirsat	Finance
11-E43	Anchal Surendra Singh	Finance

Program Objectives:

To promote holistic understanding of marketing, operational efficiency, financial analysis, and strategic management.

Student Feedback:

The students were asked to rate the workshop on a scale of 0-4, 0 being poor and 4 being excellent.

On an average the entire batch of students who attended the workshop rated it as good to excellent, the average score being 3.5

The overall response to the workshop was positive and students felt that it tested their analytical as well as decision making skills.

Key Learning/Takeaway from the workshop:

- Understanding the real market conditions and analysis of various decisions taken vis-à-vis the current market environment.
- Managing business and team spirit in turbulent times
- Leveraging the decision making capabilities of the participants
- Analysis of financial reports
- Effective team communication
- Hands on exposure to the simulation software application for decision making and analysis and evaluation.

Prof. Trupti Naik

HOD, MMS Dept. VIT
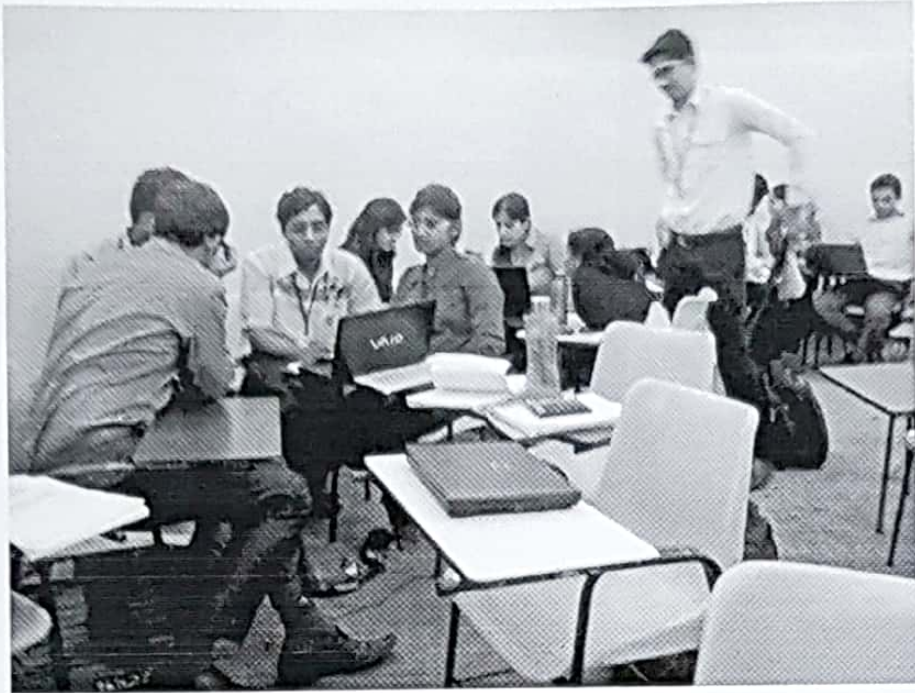
DEBATE COMPETITION - LITERARY EVENT

"In All Debates Let Truth Be Thy Aim, Not Victory Or An Unjust Interest "

-William Penn
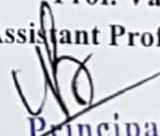
MMS Department of Vidyalankar Institute of Technology organized its first Debate Competition on 13th October 2016. This event was called "TUG OF WAR- "KEEP CALM AND DEBATE ,IF YOU CANT CONVINCE THEM CONFUSE THEM". It was the first event organized by the of the Student Council 2016-17 and the student convener Prof. Varsha Maheshwari. The competition was held between the first year MMS students, CK Pralhad and Chanakya Team(A vs B Division) .

Event started at 4pm by welcoming the two chief judges Prof Manasi Phatak(VIT MMS) and Mrs Jayanti Banerjee (VSIT). The event was also attended by all the MMS faculty department. The debate was divided into 3 rounds each where both the team debated each other for 15 minutes. There were three teams of both the groups A,B and C. The 15 minutes time of Debate Competition was divided into three quarters. First 4 minutes for the Introduction , 7 minutes after that for Countering and the last 4 minutes were for Conclusion .The Winners were felicitated by certificates and gifts. It was held at seminar hall M-501,VIT.

The First Team to compete was Team **C** from both the sides and the first topic was "**Employment vs Entrepreneurship after Post Graduation**" .The Chanakya team dominated this round by valid points and good Countering ending up winning the First Round as decided by the Judges. The Second round was between Team **B** .The Topic was "**Truce With Pakistan A Distant Team**" , which was decided by Chit System by the Judges. C.K Pralhad were the heroes of this round by dominating this round from start to the end .They were the winners of Round 2. The Third and the Final Round was between Team **A** of both the sides and the topic was "**Population Of India Is A Boom Or Not**". This round was close enough as the debate got heated up. With a bit of aggression and argument from both sides, the winners were C K Pralhad.

The Final Winners were CK PRALHAD by winning 2 out of 3 rounds .All the winners were felicitated by gifts and certificates. It was a pumped up event from the start to the end. The audience were supportive and the council members organized it with all enthusiasm and interest. The Judges did their role in the best way by giving feedback. It was an event of Motivation and Self Confidence .

Prof. Varsha Maheshwari
Assistant Professor, MMS, VIT

Principal
Vidyalankar Institute of Technology
Antop Hill, Wadala (E), Mumbai-37.

P TOPSIM –
General Management

Participant's Manual – Part I
Introduction

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Vidyalankar Institute of Technology
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- Gain experience thinking about the overall impact of your decisions
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- Maintain control of a business under uncertain conditions
- Maintain overall control of difficult tasks
- Learn to think and act in an inter-disciplinary way
- Develop the ability to structure and solve problems
- Develop a view for the essential problems
- Practice effective communication through visualization
- Define and solve problems in teams with the aid of data-processed planning models

TOPSIM – General Management Workshop

Date: 17th & 18th September, 2012; 24th & 25th September, 2012

Venue: Seminar Hall B105

Batch: Marketing and Finance

Total number of participants for the workshop: 30(17th – 18th); 37(24th – 25th)

Total number of students present for the workshop: 20(17th – 18th); 29(17th – 18th)

Faculty present for the workshop: Sanket Sharma, Kratika Mittal

Program Facilitator: George Sankal

Program Co-ordinator: Radhika Joshi

List of students: 17th & 18th September, 2012

Roll Number	Student Name
11-701	Abhijit sanjay Agawane
11-711	Aalekh Datta
11-718	Vicky Shashikant Jadhav
11-725	Ranjit Rajan George Koipurath
11-734	Kiran Bhausaheb Naik
11-743	Prashant Ashok Ransing
11-755	Rohan Prashant Vaidya
11-757	Ankita Suresh Vichave
11-710	Ketan Bharat Chaudhari
11-713	Sneha Madhva Desai
11-714	Chetan Bhaiyyaji Diwate
11-721	Tejas Vilas Kargutkar
11-722	Nikhil Mahesh Khandelwal
11-724	Pooja Raghu Kishanani
11-728	Abin Mathew Kumbathittayil
11-731	Pratik Ramesh Liye
11-735	Anirudh bhuvanesh pai
11-736	Abhishek santosh panjiyar
11-737	Sagar Suresh Patil
11-742	Swapnil Ganesh Rane

List of students: 24th & 25th September, 2012

Roll Number	Name Of the Students
11-709	Kshitij Uday Birari
11-747	Mayank Surendra Satia
11-749	Jesal Kalpesh Shethna
11-750	Dinesh Shridhar Shetty
11-753	Madhuri Ankush Thakur
11-756	Dharini Venkat
11-759	Milind Raghunath Wadkar
11-E02	Jagadesh Sagadevan
11-733	Shubhangi Sadashiv Mane
11-E05	Harshit Narendra Bafna
11-E06	Sairam Murlidhar Bathulla
11-E09	Mayuresh Namdeo Bhoir
11-E12	Mayuresh Kisan Chavan
11-E15	Sayali Milind Dnyate
11-E17	Shruti Sanjeev Ghanekar
11-729	Anand Vitthal Lamani
11-E03	Joshua Finny
11-E08	Saurabh Shriprakash Bhandari
11-E11	Sambhaji Sureshrao Burge
11-E13	Anup Ashok Dani
11-E21	Asiya Mohd.Iqbal Jaffar
11-730	Khubir vithal Lamani
11-E25	Raj Gangadhar kamble
11-E30	Sneha Nandkumar Mhatre
11-E33	Prashant Siddharth Padghan
11-E34	Harish Jayanti Parmar
11-E35	Rohit Birendra Pathak
11-E36	Chintan Arvind Pethad
11-E39	Darshini Sunil Shah

Program Objectives:

To promote holistic understanding of marketing, operational efficiency, financial analysis, and strategic management.

Student Feedback:

The students were asked to rate the workshop on a scale of 0-4, 0 being poor and 4 being excellent.

On an average the entire batch of students who attended the workshop rated it as good to excellent, the average score being 3.4

The overall response to the workshop was positive and students felt that it tested their analytical as well as decision making skills.

Subjective Feedback:

Please keep it in semester 4 also

More time should be allotted i.e. from 2 to 3 days

Please arrange same program in next semester also

Key Learning/Takeaway from the workshop:

- Understanding the real market conditions and analysis of various decisions taken vis-à-vis the current market environment.
- Managing business and team spirit in turbulent times
- Leveraging the decision making capabilities of the participants
- Analysis of financial reports
- Effective team communication
- Hands on exposure to the simulation software application for decision making and analysis and evaluation.

Prof. Trupti Naik

HOD, MMS Dept. VIT
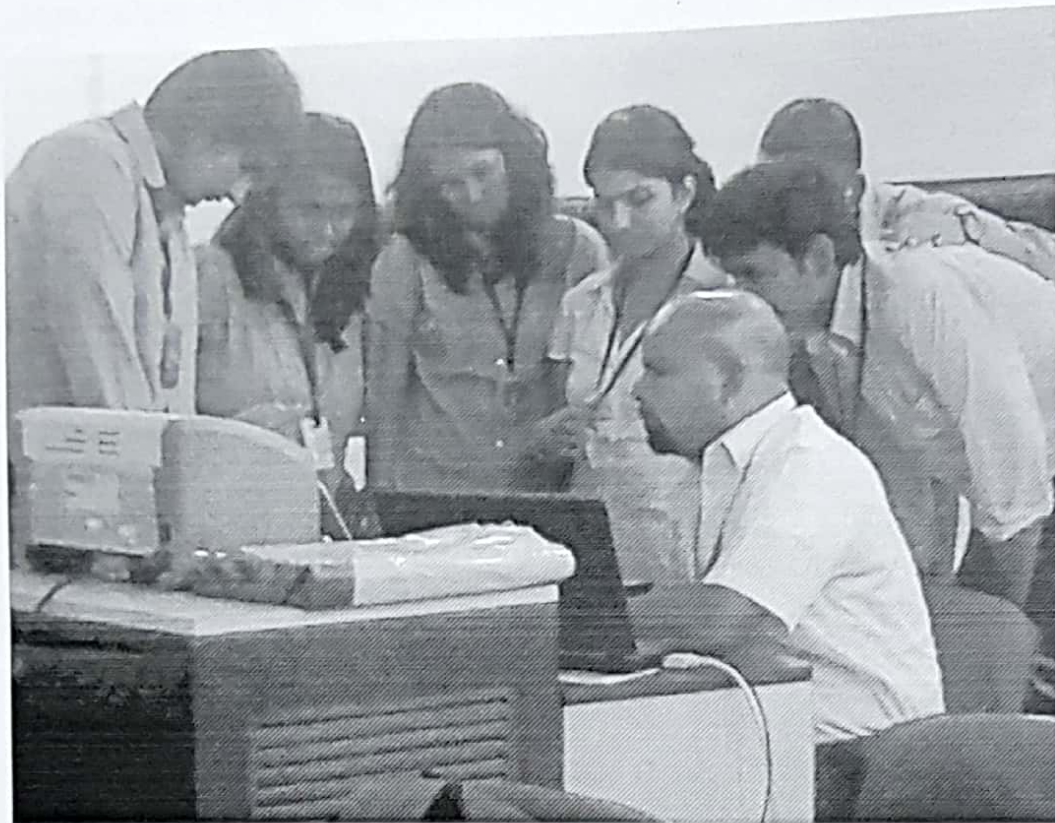
Industrial Visit 2015-16

Sr. No.	Name of Company	Take Away	Count of Student	Dates
1	TIFR colaba	For understanding activity and projects	23 Staff Members	8th August 2015
2	NESCO ground	To expose the student to global R&D and to give an opportunity to come face to face with the latest technologies developed all over the world	123	27th August 2015
3	IITB NANO fabrication lab	To get knowledge about latest technology	60	10th October 2015
4	L&T automation	To expose the student to give an industrial experience and to give an opportunity to come face to face with the latest technologies developed in the production at present	40	19th January 2016
5	Coco Cola plant, Wada	To bridge the gap between advance instrumentation system curriculum with real life mapping of a process industry	58	28th January 2016
6	Nashik Thermal Power Station Eklahare Nashik	To make the student understand the various stages of power generation and thermal power plant in particular	125	29th January 2016

Department of Electronics Engineering
Vidyalankar Institute of Technology,
Antop Hill, Wadala (E), Mumbai-37

Principal
Vidyalankar Institute of Technology
Antop Hill, Wadala (E), Mumbai-37.

Department of Electronics Engineering

Activity Report

Activity Name:	Faculty visit to TIFR Colaba for understanding activities and projects
Objective/s of activity:	A look at various facilities available in TIFR A visit to various labs Discussion about possible Student/Faculty projects in collaboration
Scope:	Awareness to faculty about the various activities of National level institutes like TIFR. Possible projects for BE/ME students Facility available for doing research at this institute
Activity Details:	Date : August 8 2015 Venue : TIFR Colaba
Preparation:	An appointment was taken from Dr.B.Satyanarayana, Ph.D., Scientific Officer (G)Dept. of High Energy Physics ▪ Tata Institute of Fundamental Research
Activity Coordinators	Prof. Geetha.Narayanan
Description of activity:	All participants assembled near TIFR gate at 9.45 am. After security formalities we were taken along by Dr. Satyanarayana to D Block Conference hall. Initially Mr. H. Raghavan Head Communication had given a brief about the various networks at TIFR. They are using Voice on IP which is a data pack network for communication. He elaborated on the technology, and up gradation to the VoIP technology from conventional EAPBX .According to him VoIP gives all features of EAPBX also some extra benefits like face to face communication if camera is available. Also other facilities like call forwarding, voice messages etc. are available on intercom systems He elaborated on the hardware, software and system requirements for the VoIP. There are many open source software available for the technology According to him, even though the initial cost is high the cost can be recovered in few years of service. He also suggested to have closed user groups in Mobile services which comes really cheap and can be used as intercom services After the lecture we were taken to their server room and switching center. We were explained about the networking system different layers. We also saw their supercomputer IBM Blue Gene Later there was a lecture by Dr. Satyanarayana on the various electronic projects in TIFR. He explained us about particle physics and about Neutrinos. Discovery of Higgs Bosons which fetched Nobel Prize for Physics in 2012 He elaborated on the various sensors used for research in the field of Neutrino detection. He also put an insight to Indian Neutrino Observatory which is coming up in Madhurai. In TIFR they have put up a cosmic ray detector to study and test the Neutrino Detector which is coming up. Later we were taken to the cosmic ray detector they set up in TIFR lab as an introductory project to detect the various cosmic rays in atmosphere. He had shown the difficult electronic sensors and detectors and the signal processing required to display the occurrence of neutrinos. They being very passive and non-reacting to observe and detect them we requires highly sensitive electronic circuitry. Detection of very weak signals is major part of electronics in their work. Mr. Yuvraj from electronic lab had explained us about the design

Takeaways:	By conducting these visits faculty get an idea about the quality of projects handled in well-known research institutes like TIFR. We also can see the equipments and facilities given to promote research activities
Attendees:	Dr. Sangeeta Joshi, Dr. Varsha Turkar, Dr.Saurabh Mehta, Prof.B.R.Prabhu, Dr.Smruti Tekale, Prof. Geetha Narayanan and total of 23 Faculties from various departments of VIT
Photographs	

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Vidyalankar Institute of Technology,
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Date:05/10/2015

Notice

Industrial Visit Particulars :

Name of Industry: IITB , Nano fabrication Laboratory	Date of Visit : 10/10/2015
Address: IIT Powai, Mumbai	CLASS : B.E. ETRX
Objectives of Activity : Students will get knowledge about the latest technology related IC Technology.	

Head of the Department

Department of Electronics.

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DEPARTMENT OF ELECTRONICS ENGINEERING

Internship 2015-16

Sr. No.	Name of company	No. of Students	Dates
1	Divisional office S&T branch Mumbai CST	02	29th June to 11th July 2015
2	Western Railway	03	23th August to 13th September 2015
3	BPCL, Mumbai	01	18th December 2015 to 15th January 2016
4	Project work in carriage railway, Matunga	01	22th December 2015 to 06th January 2016
5	Radel Electronics Pvt. Ltd.	01	22th December to 14th January 2016

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Vidyalankar Institute of Technology,
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CENTRAL RAILWAY

DIVISIONALS OFFICE,
S&T BRANCH,
MUMBAI CST.

NO.BB.N.MISC.CORR.

DATE: 20-07-2015

CERTIFICATE

MR. VISHWAJEET AVINASH LOKHANDE THIRD YEAR B.E. STUDENT OF VIDYALANKAR INSTITUTE OF TECHNOLOGY, WADALA, MUMBAI HAS REPORTED TO THIS OFFICE TO RECEIVE TRAINING IN THIS ORGANIZATION. HE HAS BEEN GIVEN THE TRAINING/INTERSHIP IN FOLLOWING SUBJECT FROM 29.06.2015 TO 11.07.2015.

1. TRAFFIC MANAGEMENT SYSTEM & PASSENGER AMENITIES.
2. OPTICAL FIBER CABLE & CONTROL COMMUNICATION.
3. CCTV SYSTEM.

(S.S. BARDE)
ADSTE (MW) CSTM

सहा. संकेत एंव दूरसंचार इंजिनियर
सुक्ष्म तरंग
मुंबई (मध्य रेल्वे)
Asst. Signal & Telecom Engineer
(Microwave)
Mumbai C.S.T. (Central Railway)

Department of Electronics Engineering
Vidyalankar Institute of Technology,
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CENTRAL RAILWAY

DIVISIONALS OFFICE,
S&T BRANCH,
MUMBAI CST.

NO.BB.N.MISC.CORR.

DATE: 20-07-2015

CERTIFICATE

MR. ANIKET DATTATRAY DOKE THIRD YEAR B.E. STUDENT OF VIDYALANKAR INSTITUTE OF TECHNOLOGY, WADALA, MUMBAI *HAS* REPORTED TO THIS OFFICE TO RECEIVE TRAINING IN THIS ORGANIZATION. HE HAS BEEN GIVEN THE TRAINING/INTERSHIP IN FOLLOWING SUBJECT FROM *29.06.2015 TO 11.07.2015.*

1. *TRAFFIC MANAGEMENT SYSTEM & PASSENGER AMENITIES.*
2. *OPTICAL FIBER CABLE & CONTROL COMMUNICATION.*
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सहा. संकेत एंव दूरसंचार इंजिनियर
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मुंबई (मध्य रेल्वे)
Asu. Signal & Telecom Engineer
(Microwave)
Mumbai C.S.T. (Central Railway)

Department of Electronics Engineering
Vidyalankar Institute of Technology,
Antop Hill, Wadala (E), Mumbai-37

Brief Summary: Problem Based Experiments were included during Practical Sessions to help students to use logic and understand the real life problem in a different perspective where students can judge the best possible method to solve a scenario

Subject: Wireless Technology (B.E INFT)

Staff Coordinator: Indu Anoop

Questions:

PBL1: Consider a scenario where spacially distributed nodes are required to monitor or sense the environmental conditions. What wireless network does this scenario represent .Also Design a simulation of the same using ns2 with at least 5 such nodes .

PBL2: Design a simulation of a large wireless sensor network with at least 500 nodes. Also calculate the average energy consumption of the nodes.

Number of beneficiaries: DIV C: BATCH 3 : 12

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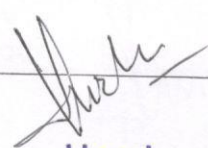
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Semester	B.E. Semester VII – Information Technology
Subject	Wireless Technology
Subject Professor In-charge	Prof. Indu Anoop
Assisting Teachers	Prof. Indu Anoop
Laboratory	Lab 07

Student Name	Simran Shikalgar	
Roll Number	15101C2004	
Grade and Subject Teacher's Signature	A +	Indu 13/10/17

Experiment No.	PBL 2	
Experiment Title/Aim	Design a simulation of a large wireless sensor network with at least 500 nodes. Also calculate the average energy consumption of the nodes.	
Resources	Hardware: Compatible Computer System	Software: NS2,
Theory of Operation	Wireless sensor networks (WSN), are similar to wireless ad hoc networks in the sense that they rely on wireless connectivity and spontaneous formation of networks so that sensor data can be transported wirelessly. Energy and total useful lifetime are primary design concerns of fundamental importance, in a variety of real life applications, where the deployment of a Wireless Sensor Network is desired. The energy consumption rate for sensors in a wireless sensor network varies greatly based on the protocols the sensors use for communications	
Code	(see code below)	

```
set val(chan)        Channel/WirelessChannel    ;# channel type
set val(prop)        Propagation/TwoRayGround    ;# radio-propagation model
set val(netif)       Phy/WirelessPhy    ;# network interface type
set val(mac)         Mac/802_11         ;# MAC type
set val(ifq)         Queue/DropTail/PriQueue    ;# interface queue type
set val(ll)          LL                 ;# link layer type
set val(ant)         Antenna/OmniAntenna        ;# antenna model
set val(ifqlen)      100                ;# max packet in ifq
set val(nn)          20                 ;# number of mobilenodes
set val(rp)          AODV               ;# protocol tye
set val(x)           400                ;# X dimension of topography
set val(y)           400                ;# Y dimension of topography
set val(stop)        110                ;# simulation period
set val(energymodel) EnergyModel        ;# Energy Model
set val(initialenergy) 100              ;# value

set ns               [new Simulator]
set tracefd          [open ass2.tr w]
set namtrace         [open ass2.nam w]

#$ns use-newtrace
```

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```
$ns trace-all $tracefd
$ns namtrace-all-wireless $namtrace $val(x) $val(y)


# set up topography object
set topo      [new Topography]
$topo load_flatgrid $val(x) $val(y)

create-god $val(nn)

# configure the nodes
$ns node-config -adhocRouting $val(rp) \
        -llType $val(ll) \
        -macType $val(mac) \
        -ifqType $val(ifq) \
        -ifqLen $val(ifqlen) \
        -antType $val(ant) \
        -propType $val(prop) \
        -phyType $val(netif) \
        -channel [new $val(chan)] \
        -topoInstance $topo \
        -agentTrace OFF \
        -routerTrace OFF \
        -macTrace  ON \
        -movementTrace OFF \
        -energyModel $val(energymodel) \
        -initialEnergy $val(initialenergy) \
        -rxPower 35.28e-3 \
        -txPower 31.32e-3 \
            -idlePower 712e-6 \
            -sleepPower 144e-9


for {set i 0} {$i < $val(nn) } { incr i } {
        set mnode_($i) [$ns node]
}



for {set i 1} {$i < $val(nn) } { incr i } {
        $mnode_($i) set X_ [ expr {$val(x) * rand()} ]
        $mnode_($i) set Y_ [ expr {$val(y) * rand()} ]
        $mnode_($i) set Z_ 0
}

# Position of Sink
$mnode_(0) set X_ [ expr {$val(x)/2} ]
$mnode_(0) set Y_ [ expr {$val(y)/2} ]
$mnode_(0) set Z_ 0.0
$mnode_(0) label "Sink"


for {set i 0} {$i < $val(nn)} { incr i } {
        $ns initial_node_pos $mnode_($i) 10
```
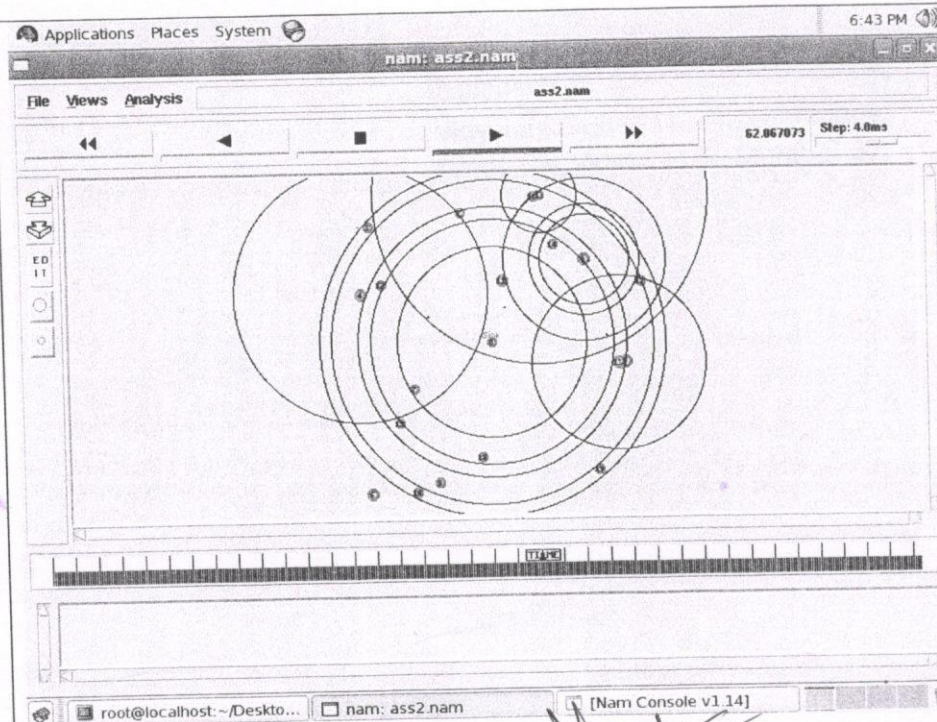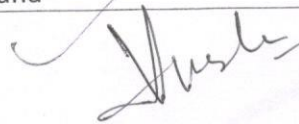
```
}

#Setup a UDP connection
for {set i 1} {$i < $val(nn) } { incr i } {
set udp($i) [new Agent/UDP]
$ns attach-agent $mnode_($i) $udp($i)
}


set sink [new Agent/Null]
$ns attach-agent $mnode_(0) $sink

for {set i 1} {$i < $val(nn) } { incr i } {
$ns connect $udp($i) $sink
}

#Setup a CBR over UDP connection

for {set i 1} {$i < $val(nn) } { incr i } {
set cbr($i) [new Application/Traffic/CBR]
$cbr($i) attach-agent $udp($i)
$cbr($i) set type_ CBR
$cbr($i) set packet_size_ 100
$cbr($i) set maxpkts_ 100
#$cbr($i) set rate_ 0.1Mb
$cbr($i) set interval_ 1
$cbr($i) set random_ false
}
for {set i 1} {$i < $val(nn) } { incr i } {
$ns at [expr {$i + 5}] "$cbr($i) start"
}



for {set i 1} {$i < $val(nn) } { incr i } {
$ns at [expr $val(stop) - $i] "$cbr($i) stop"
}
# Telling nodes when the simulation ends
for {set i 0} {$i < $val(nn) } { incr i } {
    $ns at $val(stop) "$mnode_($i) reset;"
}

# ending nam and the simulation
$ns at $val(stop) "$ns nam-end-wireless $val(stop)"
$ns at $val(stop) "stop"
$ns at [expr $val(stop) + 0.01] "puts \"end simulation\"; $ns halt"
proc stop {} {
    global ns tracefd namtrace
    $ns flush-trace
    close $tracefd
    close $namtrace
}
```

$ns run

Energy.awk

```
BEGIN {
  total_energy_c=0;
}
{
  pkt_type = $19;
  time_n = $2;
  time = $3;
  node_n = $4;
  node = $9;
  cbr = $34;
  energy =$17;

  if(pkt_type=="MAC"){
    record_energy[node]=energy;
  }
}
END {
  for ( i=0; i< 20; i++ ) {
    energy_r = record_energy[i];
    energy_c = 100-energy_r;
    total_energy_c=total_energy_c+energy_c;
    printf("%d %f %f\n", i, energy_r,energy_c);
  }
  printf("Total energy consumption is: %f",total_energy_c);
printf("Avearge energy consumption is: %f", total_energy_c/20);
}
```

Output	

	Energy.tr
	0 99.717242 0.282758
	1 99.717469 0.282531
	2 99.714158 0.285842
	3 99.714052 0.285948
	4 99.717356 0.282644
	5 99.716681 0.283319
	6 99.717096 0.282904
	7 99.718436 0.281564
	8 99.720878 0.279122
	9 99.721572 0.278428
	10 99.723713 0.276287
	11 99.725637 0.274363
	12 99.727703 0.272297
	13 99.730507 0.269493
	14 99.731850 0.268150
	15 99.735036 0.264964
	16 99.737096 0.262904
	17 99.740809 0.259191
	18 99.717802 0.282198
	19 99.745402 0.254598
	Total energy consumption is: 5.509505Avearge energy consumption is: 0.275475
Conclusion	The required scenario was simulated of a wireless sensor network and the average energy consumption was found
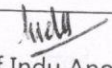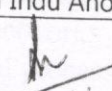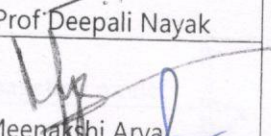
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REPORT
Innovative and creative teaching style mechanisms (Problem Based Experiments)

1	Academic Year: 2017-18 (ODD Semester)
2	Name of the activity / method: Innovative and creative teaching style mechanisms (Problem Based Experiments)
3	Objective of the activity / method: To enable students to think analytically and design solutions to real life scenario based engineering problem
4	Identified target for the activity / method: All Students of SE ,TE and BE benefit form the above . A student teacher specifies the PBL Experiment List in the Academinc Administration Plan at the beginning of the semester
5	Pre-history of identified target group and / or an individual: Students are less aware of real life based problems

6	Details of groups and or individual or Class:	
	Class Details	Pre-Performance remarks
	All students of SE,TE and BE Benefit from the activity .Ideally 2 PBL are suggested per subject.*Total Experiments Designed* : 57	Before PBLs, Students follow only The suggested experiment list as Per syllabus or subject

7	Action Plan: (Provide schedule, dates and timings, keep attendance records)	
	A	The Problem Based Experiments are displayed in Academic Administrative Plan
	B	The Plan is uploaded on internal web portal called V-live for dessimination
	C	The schedule of activity is done along with regular Practical of subject

8	Implementation mechanism: (Provide step wise execution plan)	
	A	The expert subject teachers along with cluster mentors discuss designing of possible PBL during the cluster meetings
	B	Inputs from Academic Mentors and Industry Mentors are also taken into consideration before the start of a semester
	C	The inputs are incorporated and PBL is dessiminated to students via V-live
	D	Students solve them analytically during practicals and submit their solutions for approval by subject teacher

9	Details of tasks: (Provide details of assignments, questions, practice problems etc. if applicable)	
	A	Sample questions of 2 PBL experiments designed for the subject Wireless Technology for fianl Year students is herewith attached

10	Post implementation observations : (Provide your observations step wise after execution of activity)	
	A	Students were more clear on how problem solving is done in a step wise manner
	B	Students learn to think more analytically and can solve similar types of problems
	C	Students can design similar problems and document their observations

11	Improvement Results: (Provide performance improvement details after activity execution)				
	Class	Semester	Roll No	Name	Post-Performance remarks
	Student benefitted for the subject "Wireless Technology is herewith attached"				Students have shown a general improvement in reading the problem and understanding how the solution is to designed and implemented.

12	Inference and conclusion: Problem Based Experiments help students to understand problem definitions and think analytically to solve real life /simulation based scenarios.Total 57 experiments were designed for students of Information Technology Department.
13	Details of teacher / mentor: (Name with dated signature) Prof Indu Anoop
14	Details of academic co-ordinator: (Name and dated signature) Prof Deepali Nayak
15	Details of department Head: (Name and dated signature) Dr Meenakshi Arya

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Department of Information Technology,
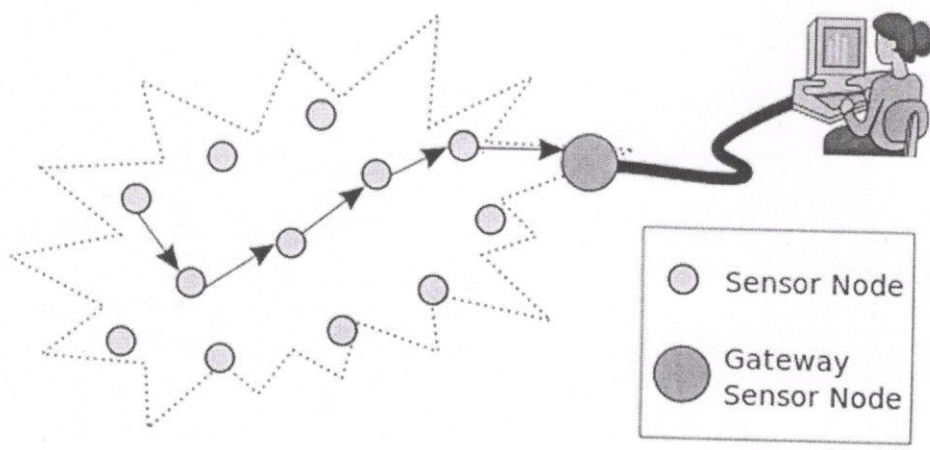Vidyalankar Institute of Technology,
Antop Hill, Wadala (E), Mumbai-37.

Principal.
Vidyalankar Institute of Technology
Antop Hill, Wadala (E), Mumbai-37.

Semester	B.E. Semester VII – Information Technology
Subject	Wireless Technology
Subject Professor In-charge	Prof. Indu Anoop
Assisting Teachers	Prof. Indu Anoop
Laboratory	Lab 07

Student Name	Simran Shikalgar	
Roll Number	15101C2004	
Grade and Subject Teacher's Signature	A+	*Indy*

Experiment No.	PBL 1	
Experiment Title/Aim	Consider a scenario where spacially distributed nodes are required to monitor or sense the environmental conditions. What wireless network does this scenario represent .Also Design a simulation of the same using ns2 with at least 5 such nodes .	
Resources	Hardware: Compatible Computer System	Software: NS2,
Theory of Operation	Wireless sensor networks (WSN), are similar to wireless ad hoc networks in the sense that they rely on wireless connectivity and spontaneous formation of networks so that sensor data can be transported wirelessly.	

Legend:
- ○ Sensor Node
- ● Gateway Sensor Node

WSNs are spatially distributed autonomous sensors to monitor physical or environmental conditions, such as temperature, sound, pressure, etc. and to cooperatively pass their data through the network to other locations.

Application:

The development of wireless sensor networks was motivated by military applications such as battlefield surveillance; today such networks are used in many industrial and consumer applications, such as industrial process monitoring and control, machine health monitoring, and so on.

Code	set val(chan) Channel/WirelessChannel ;# channel type
	set val(prop) Propagation/TwoRayGround ;# radio-propagation model

```
set val(netif)        Phy/WirelessPhy    ;# network interface type
set val(mac)          Mac/802_11           ;# MAC type
set val(ifq)          Queue/DropTail/PriQueue    ;# interface queue type
set val(ll)           LL                   ;# link layer type
set val(ant)          Antenna/OmniAntenna        ;# antenna model
set val(ifqlen)       100                  ;# max packet in ifq
set val(nn)           5                    ;# number of mobilenodes
set val(rp)           AODV                 ;# protocol tye
set val(x)            50                   ;# X dimension of topography
set val(y)            50                   ;# Y dimension of topography
set val(stop)         110                  ;# simulation period
set val(energymodel)  EnergyModel          ;# Energy Model
set val(initialenergy) 100                 ;# value

set ns                [new Simulator]
set tracefd           [open ass1.tr w]
set namtrace          [open ass1.nam w]

#$ns use-newtrace
$ns trace-all $tracefd
$ns namtrace-all-wireless $namtrace $val(x) $val(y)


# set up topography object
set topo      [new Topography]
$topo load_flatgrid $val(x) $val(y)

create-god $val(nn)

# configure the nodes
$ns node-config -adhocRouting $val(rp) \
        -llType $val(ll) \
        -macType $val(mac) \
        -ifqType $val(ifq) \
        -ifqLen $val(ifqlen) \
        -antType $val(ant) \
        -propType $val(prop) \
        -phyType $val(netif) \
        -channel [new $val(chan)] \
        -topoInstance $topo \
        -agentTrace OFF \
        -routerTrace OFF \
        -macTrace  ON \
        -movementTrace OFF \
        -energyModel $val(energymodel) \
        -initialEnergy $val(initialenergy) \
        -rxPower 35.28e-3 \
        -txPower 31.32e-3 \
            -idlePower 712e-6 \
            -sleepPower 144e-9


for {set i 0} {$i < $val(nn) } { incr i } {
    set mnode_($i) [$ns node]
```

```
}

for {set i 1} {$i < $val(nn) } { incr i } {
        $mnode_($i) set X_ [ expr {$val(x) * rand()} ]
        $mnode_($i) set Y_ [ expr {$val(y) * rand()} ]
        $mnode_($i) set Z_ 0
}

# Position of Sink
$mnode_(0) set X_ [ expr {$val(x)/2} ]
$mnode_(0) set Y_ [ expr {$val(y)/2} ]
$mnode_(0) set Z_ 0.0
$mnode_(0) label "Sink"


for {set i 0} {$i < $val(nn)} { incr i }'{
        $ns initial_node_pos $mnode_($i) 10
}


#Setup a UDP connection
for {set i 1} {$i < $val(nn) } { incr i } {
set udp($i) [new Agent/UDP]
$ns attach-agent $mnode_($i) $udp($i)
}


set sink [new Agent/Null]
$ns attach-agent $mnode_(0) $sink

for {set i 1} {$i < $val(nn) } { incr i } {
$ns connect $udp($i) $sink
}

#Setup a CBR over UDP connection

for {set i 1} {$i < $val(nn) } { incr i } {
set cbr($i) [new Application/Traffic/CBR]
$cbr($i) attach-agent $udp($i)
$cbr($i) set type_ CBR
$cbr($i) set packet_size_ 100
$cbr($i) set maxpkts_ 100
#$cbr($i) set rate_ 0.1Mb
$cbr($i) set interval_ 1
$cbr($i) set random_ false
}
for {set i 1} {$i < $val(nn) } { incr i } {
$ns at [expr {$i + 5}] "$cbr($i) start"
}
```

```
for {set i 1} {$i < $val(nn) } { incr i } {
$ns at [expr $val(stop) - $i] "$cbr($i) stop"
}
# Telling nodes when the simulation ends
for {set i 0} {$i < $val(nn) } { incr i } {
    $ns at $val(stop) "$mnode_($i) reset;"
}

# ending nam and the simulation
$ns at $val(stop) "$ns nam-end-wireless $val(stop)"
$ns at $val(stop) "stop"
$ns at [expr $val(stop) + 0.01] "puts \"end simulation\"; $ns halt"
proc stop {} {
    global ns tracefd namtrace
    $ns flush-trace
    close $tracefd
    close $namtrace
}

$ns run
```

Output	
Conclusion	The required scenario was simulated of a wireless sensor network.
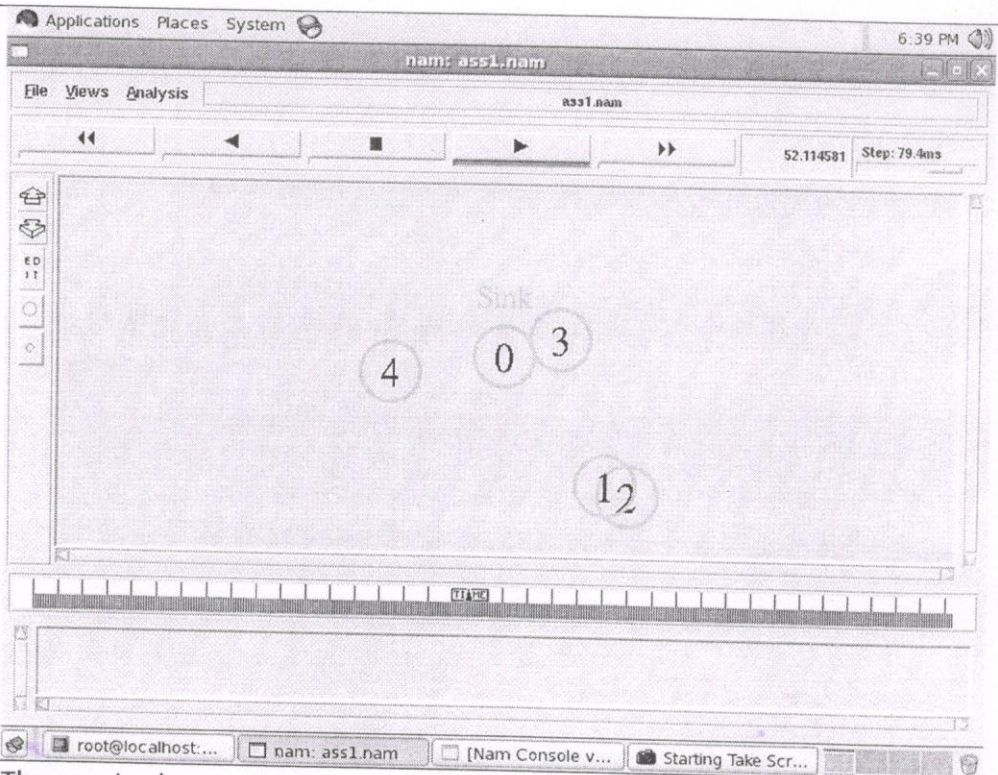
2.2.1 Workshop Practice 9 extra session

Ref.No:VIT/EXTC/GN/16/509

$(2.2.1-1)$ $\&$ $(2.3.1-1)$

(combined).

Date: 29th August, 2016

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING, VIT, MUMBAI

NOTICE

All the students of final year (BE – EXTC including all divisions 1,2 and 3) are hereby informed that, a <u>Workshop on</u> **"Practice session of Graphical Solution of Matching circuits and its software validation[+]"** has been arranged by the department on <u>Saturday 3rd September 2016 from 9 to 11 a.m.</u> This workshop topic is directly related to the curriculum of MRE subject of semester VII. <u>**All should note that - Attendance has been made mandatory for all students.**</u> For more information, students can contact respective subject faculties.

(Note: + Students are requested to bring drawing instrument and sufficient number of blank Smith charts – Z and ZY Both)

V. C. Kshirsagar
29/8/2016

For Div-I

Ashish Shekhar
29/8/16

For Div-II

Sheetal Mhapare
29/8/16

For Div-III

Viba Wali

Dr. Saurabh Mehta

Strategic Planning for Mission 100

Subject: - Microwave and Radar Engineering

Semester: - VII (SH-2016)

Class / Division: - BE EXTC / A

Faculty: - V. C. Kshirsagar

- Identified list of probable Topper students

Roll Number	Name of Student	Identified Skills of student
13104A0026	Sankalp Tadwalkar	Attentive, good memorization and presentation skills, good performance in IA Test
13104A0033	Bhavana Reddy	Attentive, good memorization and presentation skills, good performance in IA Test
13104A0039	Aditi Barolu	Attentive, good memorization and presentation skills, good performance in IA test
13104A0047	Rahul Sahu	Attentive, good memorization and presentation skills, good performance in IA test
13104A0064	Varun Nair	Attentive, good memorization and presentation skills, good performance in IA test
13104A0071	Vinay Gujar	Attentive, good memorization and presentation skills, good performance in IA test
14104A2005	Khushal Soonderji	Attentive, good memorization and presentation skills, good performance in IA test

- Identified list of probable Weak / failure students ✳

Roll Number	Name of Student	Identified reasons of student

11-454	Rutuja Tare	Concentration and memorization problem
13104A0019	Akshay Sugandhe	Very poor attendance
13104A0021	Pranay Bhose	Concentration and memorization problem
12104A1005	Ujwala Kabugade	Concentration and memorization problem

- Time Table for practice session :- Every Thursday from 1.45 to 2.45 pm

- Objectives of practice session / Action Plan

    1. Meeting to the above listed weak / poor performance students and reviewing their progress in the concerned subject

    2. Giving assignments on important questions and numerical problems for solving practice and assessment of same

    3. Giving university question paper solution and getting them solved the same for practice

    4. Getting solved model sample question papers from identified topper students and improving their practice skills

    5. Discussion with topper students regarding difficulties in identified challenging topics and deciding customized solution approach

- Last Year performance (SH-2016) BE EXTC Division – 3 :- **Passing Result = 97.14%**

✳ Note - Above students have been given enough practice to clear examination of semester. It is not likely that, they will fail in the examination.

Prepared By:

29/8/16

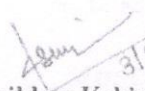**Vaibhav Kshirsagar**
For BE EXTC Div-A
MRE Subject

Date: 3rd Sept. 2016

Activity Report

Workshop on

"Practice Session on Graphical solution of Matching circuit and its software validation"

Parameters	Details
Date of conduction	3rd September, Saturday, 2016
Organizing department	Electronics and Telecommunication Engineering
Target audience	Final year student of BE EXTC (All divisions)
Subjects covered	MRE (SEM-VII)
Organizing members	Vaibhav Kshirsagar, Ashish Shekhar, Sheetal Mapare Vibha Wali (Academic Coordinator, BE-EXTC all divisions) Dr. Saurabh Mehta (HOD, Dept.)
Activity owners	Vaibhav Kshirsagar, Ashish Shekhar, Sheetal Mapare
Time and venue	Morning 9 to 11 a.m. Class rooms – M502, M503, M517 and Lab – M515
Mapped PEO	PEO2
Mapped PO's	PO1, PO2, PO3, PO5
Mapped CO's	CO1
Activity Briefing	Two distinct objectives are met in the conduction of aforementioned workshop on Practice session on Graphical solution of matching circuit and its software validation. 1. The important topic of the university question paper with high weightage is fully being covered and confirmed full understanding from students, ensuring their confidence and securing expected marks in the examination in order to march towards the mission 100 goal in the concerned subject 2. Students are exposed to the experimental validation of learned topic using sophisticated software simulation tool which can be considered as beyond syllabus activity boosting their level of confidence Following is the nature of questions being covered in the hands-on practice workshop: 1. At least one example on lumped element matching and its validation 2. At least one example on stub element matching and its validation 3. At least one example on double stub element matching

Vaibhav Kshirsagar

For BE ET1

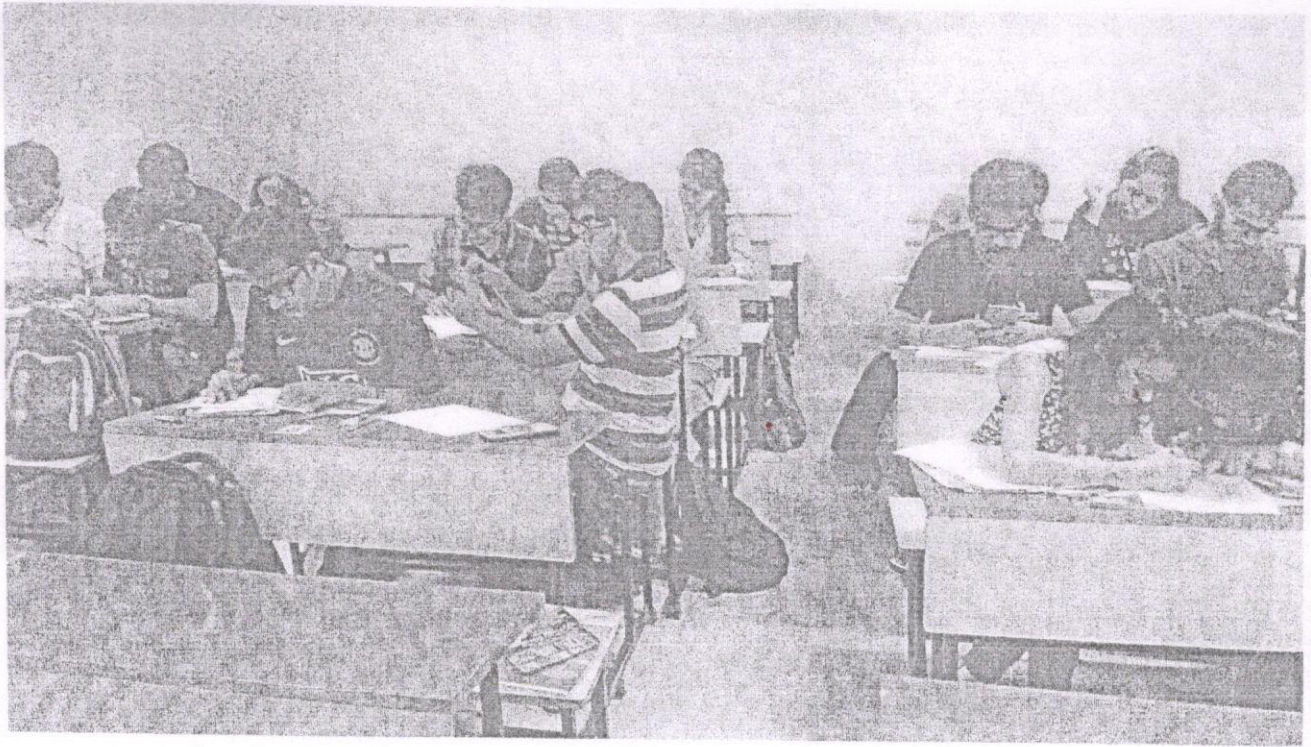Ashish Shekhar

For BE ET2

Sheetal Mapare

For BE ET3

Vibha Wali

Academic Coordinator

Dr. Saurabh Mehta

HOD

V.C. Kshirsagar
Activity Head

2.3.1