

**SECTION -A**

**DEPARTMENTAL DETAILS**

### A] Details of Staff Members

<b>Sr. No.</b>	<b>Name of Staff</b>	<b>Qualification</b>	<b>Experience</b>	<b>Location</b>
01	Mr. Chaudhari H. P.	B.E.(Instrumentation) M.Tech(Biomedical Instrumentation)App.	Industry- 00yr Teaching- 12yr	300
02	Mr. Kardile B. M.	B.E.(Instrumentation) M.E.(Biomedical Instrumentation)	Industry- 00yr Teaching- 08yr	312
03	Mr. Rahulkar A. D.	B.E.(Instrumentation) M.Tech.(Reliability engineering) Ph.D.(Ongoing)	Industry- 2month Teaching- 6.3yr	312
04	Mrs. Madhe S. P.	B.E.(Instrumentation) M.Tech. (Biomedical Instrumentation)	Industry- 00yr Teaching- 06yr	307
05	Mr. Pathak N. S.	B.E.(Instrumentation) M.E. .(Computerized Process Control)	Industry- 00yr Teaching- 06yr	308
06	Ms. Shinde D. U.	B.E.(Instrumentation) M.E.(Computerized Process Control) Ph.D.(Ongoing)	Industry- - 01yr Teaching- 5yr	303
07	Mrs. Shinde A. A.	B.E.(Instrumentation) M.E.(appearing)	Industry- 1.5yr Teaching- 1.5yr	306
08	Mr. Ohol R. M.	B.E.(Instrumentation) M.Tech (Instru & Control)	Industry- 00yr Teaching- 7.5yr	302

### B] Details of Departmental Library

<b>Type of Book</b>	<b>Total Titles</b>	<b>Cost in Rs.</b>
Books	56	13,956.00
Total Xeroxed Titles	16	3897.00
Datasheets		
	<b>Total Cost in Rs.</b>	<b>17853.00</b>

**SECTION-B**

**ACADEMIC DETAILS**

**B] Results of Academic year 2007-2008(II)**

Sr. No.	Class	Subject	No. of appear	No. of passed	No. of failed	%age result	Name of Staff
01	S.E.	Digital Techniques	55	53	02	96.36	Mrs. S. P. Madhe
		Automatic Control Systems	55	39	16	70.90	Mrs. A. A. Shinde
		Linear Techniques	55	54	01	98.18	Mr. N. S. Pathak
		Sensors & Transducers-II	55	50	05	90.90	Mr. C. M. Kadam
		Network Theory	55	44	11	80.00	Mrs. D. U. Shinde
02	T.E.	Digital Signal Processing	44	39	05	88.63	Mr. B. M. Kardile
		Process Plant Operations	44	44	00	100	Mrs. P. M. Deorankar
		Process Loop Components	44	35	09	79.54	Mr. H. P. Chaudhari
		Instrument System Design	44	44	00	100	Mr. N. S. Pathak
		Industrial Management	44	44	00	100	Mr. N. C. Kamat
03	B.E	Process Instrumentation-II	12	11	01	91.6	Ms. D.U. Shinde
		Computer techniques and applications	12	12	00	100	Mrs. S.P. Madhe
		Industrial Automation	12	12	00	100	Mr. C. M. Kadam
		Advanced Biomedical Inst	12	11	01	91.6	Mr. A.A. Shinde

Class	Total strength	No. of appeared	Distinction	1 <sup>st</sup> Class	H. 2 <sup>nd</sup> Class	2 <sup>nd</sup> Classes	Pass Classes	ATKT	All Cleared	Total failed	%age Result with ATKT
S.E	56	55 Absent 1	01	05	13	11	00	20	30	06	70.90
T.E	44	44	02	05	13	05	00	17	42	02	95.45
B.E	12	12	07	03	00	00	00	00	10	02	83.33

**C] Students Strength in Classes**

Sr.No	class	Total No. of Students in class	Class Adviser	Class Representatives
01	S.E	64	Mr.Ohal R.M	Mr. Lobo Christopher
02	T.E	49	Mr.Kardile B.M	Ms. Gayatri Samudhra
03	B.E	40	Mrs.Shinde D.U	Ms.Manasi Patil

**D] Committee In charges of various activities for the year 2008-2009**

Sr. No	Committees/ events	Name of Staff	Nature of appointment
1	Academic advisory committee	Prof H P Chaudhari	
		Prof B M Kardile	
		Prof A D Rahulkar	
2	Lab incharges		
	Sensors & Transducers lab	Prof R M Ohol	
	AT & DT lab	Prof A A Shinde	
	Electronic Instrumentation lab	Prof N S Pathak	
	Computer lab	Prof S P Madhe	
	Project & Biomedical Instrumentation lab	Prof B M Kardile	
	Process Instrumentation lab	Prof D U Shinde	
3	Alumini coordinator	Prof A A Shinde	
4	Purchase coordinator	Prof B M Kardile	
5	Examination coordinator	Prof A A Shinde	
6	Departmental library	Prof S P Madhe	
7	Industrial visit coordinator	Prof R M Ohol	
8	BE project incharge	Prof S P Madhe	
9	INSAT council chairman	Prof A D Rahulkar	
10	ISA	Prof N S Pathak	
11	Class Advisor/Substitute class advisor		
	SE	Prof R M Ohol/ Prof N S Pathak	
	TE	Prof B M Kardile/ Prof A A Shinde	
	BE	Prof D U Shinde/ Prof S P Madhe	
12	T&P coordinator	Prof B M Kardile	
13	Technical & cultural event coordinator	Prof D U Shinde	

14	Technical notice board	Prof A A Shinde	
15	Academic time table incharge	Prof N S Pathak	
16	Academic calendar	Prof A A Shinde	
17	TE seminar incharge	Prof D U Shinde	
18	Students vacation in plant training	Prof A D Rahulkar	
19	Sports coordinator	Prof R M Ohol	

**E] Final year (BE) projects**

**Project Incharge-Mrs.S.P.Madhe**

Gr. No.	Project Group	Project Topic	Sponsored/ Self sponsored	Sponsored Organisation	Guide Name & Sign
1.	Rupama Chakraborty Snehlata .	Library Management System	Self sponsored		Mr. N. S. Pathak
2.	Shwetal Kamble Smita Pol Mugdha Jog.	Intensity Measurement	Sponsored	IUCAA	
3.	Ketaki Thakar Sampada Ponshe	Real Time Monitoring of emission of Vehicle	Sponsored	Shalaka technologies Pvt.Ltd.	
4.	Poonam Mahajan Jaswandi Sawant.	Automation of Distillation Column	Self sponsored		Mr. H. P. Chaudhari
5.	Aanchal Khatri Ashwini Kolar	Flowmeter and its graphic Display	Sponsored	Os n Is	
6.	Anupama Chakravorty Gauri Chaubal.	Reciprocating compressor Monitoring	Sponsored	Kirloskar pneumatics company Ltd.	
7.	Sayali Tungare Shanta Falke.	Control Panel for PLC	College Sponsored	AISSMS's, IOIT	
8.	Renuka Pardeshi Rajeshwari Mohan	SCADA System for Temp & Pressure Loop	College Sponsored	AISSMS's, IOIT	Mrs. S. P. Madhe
9.	Rujuta Deshpande Snehal Jadhav.	12 Zone expandable fire detector	Sponsored	Embedded micro techniques Pvt Ltd	
10.	Ashwini Randhave Rucha Joshi.	Simple Network Management Protocol	Sponsored	EmbPower Pvt. Ltd	
11.	Manasi Patil Suprita Patil	Field bus	Sponsored	ULGroup	Mr. B. M. Kardile
12.	Bhakti Bhagwat Shweta Birajdar	Speaker dependent speech recognition for DC motor speed control using MATLAB	Self sponsored		
13.	Rajshree Daware Ulka Patel Monali Modi	Prepaid Energy meter	Self sponsored		
14.	Poorva Abhyankar Aparna Ramkrishnan.	System for testing & evaluation of antenna	Sponsored	Tata Motors Ltd.	Mr. A.D.Rahulkar
15.	Madhura Kulkarni Manjiri Purohit	Lossy Image Compression	Self sponsored		
16.	Pooja Ambesange Vaishali Adsare	Measurement System for gas classification	Self sponsored		Mr.R.M.Ohol
17.	Nazia Sayyed Shweta Singh.	Da-Vinchi Surgery Machine	Self sponsored		Mrs. D. U. Shinde
18.	Glory Santharaj	Automation of Heat	Sponsored	Stretto	

	Vrinda Bhopatkar	Treatment Process		enterprises	
19.	Jyoti Karale Nisha	Wireless Patient Monitoring System	Self sponsored		

**F] Third year (TE) Seminars**

**Seminar Incharge- Mrs.D.U.Shinde**

<b>SR. NO.</b>	<b>Topic Name</b>	<b>GROUP MEMBERS</b>	<b>GUIDE</b>
1.	Implementation of filters	Akriti Priyadarshini Smita Katake	Prof. R. M. Ohal
2.	IC Component tester (74 series)	Amita Kumari Ravya Shetty	Prof. A.A. Shinde
3.	Wireless temp. indicator	Amita Mohan Neha Raj	Prof. A.A. Shinde
5.	Process Automation in labVIEW	Anupama Kumari Gauri Bhavsar	Prof. N. S. Pathak
7.	Quiz buzzer system	Sai Belsare Aarti Patil	Prof. S. P. Madhe
9.	Intravenous Drip rate meter	Snehal Bopardikar Malvika Menon	Prof. B. M. Kardile
10.	Microcontroller based speed controller of D.C.Motor	Anuja Borundia Piyusha Dastapure	Prof. D.U.Shinde
11.	Electronic	Srilakshmi Darba	Prof. A.A. Shinde

	Weighing Machine	Rutuja Laulkar	
12.	Rolling display	Shweta Desai	Prof. S. P. Madhe
		Pooja Pawar	
13.	Digital Thermometer using RTD	Prajakta Deshmukh	Prof. N. S. Pathak
		Rajashree Valsangkar	
14.	Traffic Signal(for BRT) control using PLC	Priya Deshmukh	Prof. D.U.Shinde
		Kaweri Indi	
15.	Heartbeat rate meter	Prajakta Deshpande	Prof. B. M. Kardile
		Neha Jagtap	
16.	Warmer controller	Snehal Doshi	Prof. D.U.Shinde
		Prajakta Thakur	
17.	Electronic Messenger	Madhura Gokhale	Prof.H.P. Chaudhari
		Ketki Kulkarni	
18.	PLC based elevator system	Pravina Gunale	Prof.H.P. Chaudhari
		Meenal Shinde	
		Priyanka Bhope	
19.	Digital Thermometer	Neha Jadhav	Prof. B. M. Kardile
		Bhavana Kulkarni	
20.	Obstruction robot	Revati Jogalekar	Prof.H.P. Chaudhari
		Shireen Narappanwar	
21.	Fire Monitoring system	Neha Kalburge	Prof. N. S. Pathak
		Namrata Mane	
		Prajakta Pawar	
22.	Car parking system	Deepti Kamat	Prof. R. M. Ohal
		Sayali Kulkarni	
23.	Frequency counter and generator	Poornima Kshirsagar	Prof. A.D.Rahulkar
		Smriti Marathe	
24.	Digital clock using 8051	Reshma Mesta	Prof. S. P. Madhe
		Poorva Pendse	
25.	Speed controller Single phase AC motor using microcontroller	Pranjali Nalgirkar	Prof. N. S. Pathak
		Neha Gade	
26.	Laser communication using microcontroller	Gayatri Samudra	Prof. A.D.Rahulkar
		Dhanashri Shinde	
27.	4-digit 7 segment display	Saswati	Prof. S. P. Madhe
		Hetal Thanki	

### G] Placement

Sr. No	Name of Students	Class	Name of Company
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1	Ashwini Kolar	B.E	Wipro Technologies
2	Mugdha Jog	B.E	Wipro Technologies
3	Ketki Thakar	B.E	Wipro Technologies
4	Sampada Ponshe	B.E	Wipro Technologies
5	Shweta Birajdar	B.E	SQTL
6	Bhakti Bhagwat	B.E	SQTL
7	Madhura Kulkarni	B.E	SQTL

## I] Laboratories Details

### Project Laboratory (301) (Lab Incharge: Prof.B. M. Kardile)

#### 1. Bio-Medical Instrumentation

Sr. No.	Items	Qty held	D.S.R. No.	Date of Purchase	Total Cost Rs.
01	Audiometer	01	01	13/06/2003	52000.00
02	Mediscope	01	49	10/10/2003	35000.00
03	Electro cardigraph (E.C.G.)	01	17	10/10/2003	23064.00
04	B.P.Measuerement Apparatus	01	05	10/10/2003	930.00

	(Conventional)				
05	B.P.Measuerement Apparatus(Automatic)	01	05	10/10/2003	5180.00
06	Defibrillator	01	15	12/02/2008	59753.00
07	Electronic Stethoscope	01	17	13/02/2008	12824.00
Total cost (Rs.)					11,89,091.00

**Total cost of Bio-Medical Instrumentation lab (Rs.) = 1,89,091/-**

**2] Sensors & Transducers Laboratory 302 (Incharge: Prof.R.M.Ohol)**

Sr. No.	Items	Qty held	D.S.R. No.	Date of Purchase	Total Cost Rs.
1	RTD Sensor	03	73	31/03/01	1995.00
2	Thermocouple Sensor	03	80	31/03/01	1851.00
3	RTD Module	01	73	18/03/01	3690.00
4	Thermocouple Module	01	80	18/03/01	2950.00
5	Proximity Switch	01	63	01/09/01	2990.00
6	LVDT	01	46	01/09/01	8950.00
7	Flapper Nozzle	01	21	18/03/01	6803.75
8	Strain Gauge	01	74	01/09/01	8950.00

9	Potentiometer	01	62	01/09/01	6150.00
10	Pressure Gauge Trainer	01	62	31/03/01	33250.00
11	Level Trainer Loop	01	45	31/03/01	28975.00
12	Flow Trainer Loop	01	21	31/03/01	68400.00
13	Air Compressor	01	10	31/03/01	6175.00
14	Velocity Measurement Trainer Kit	01	86	01/09/01	12950.00
15	Dead Weight Tester	01	13	06/01/07	57971.00
16	Sound Level Meter	01	75	17/10/06	5063.00
17	Thermocouple Sensor	01	80	29/10/07	187.00
18	Thermocouple Simulator	01	78	14/02/08	4303.00
19	RTD Simulator	01	70	14/02/08	2932.00
20	pH Meter	01	64	23/04/08	5214.00
21	Conductivity Meter	01	09	23/04/08	5214.00
22	Tachometer (Tachogenerator)	01	78	16/06/08	33893.00
23	Encoder	01	17	16/06/08	46928.86
Total Cost (Rs.)					<b>3,55,786.01</b>

**Total Cost of Sensors & Transducers Laboratory is Rs 3,55,786.01**

**3] Process Instrumentation Laboratory (303) (Incharge: Prof. D. U. Shinde)**

Sr. No.	Items	Qty held	D.S.R. No.	Date of Purchase	Total Cost Rs.
1.	Simulators P Simulator H Simulator PLC Simulator	02 02 02		03/05/2003	74,880.00
2.	Cut section of Different valves (Saunders, Solenoid, Butterfly, Ball, Globe) (S.P.Engg.)	01 Each	74	30/11/2006	11,400.00
3.	Switches (Flow, Level, Temp., Pressure)	01	86	30/11/2006	10,925.00

4.	Micrologix 1000 Allen Bradley PLC (High tech. Electronics)	01	74	08/01/2007	1,50,847.00
5.	P/I Converter (study) (Adiron)	01	63	08/01/2007	43,649.00
6.	Control Valve Trainer Kit characteristics (Se&C)	01	63	26/02/2008	50,203.00
7.	Hydraulic trainer (Adiron)	01	09	23/04/2008	1,32,890.60
8.	Electro Pneumatic Trainer (Adiron)	01	29	23/04/2008	68,906.25
9.	Signal Conditioning Cards (i) Thermocouple (ii) RTD	01 01	65	Student's project	18,773.50
10.	Square Root Extractor	01	75	Student's project	4,952.00
11.	Alaem Annunciator (Se&C)	01	74	14/02/2008	5,850.00
12.	Computer with all accessories (i) IBM (ii) Wipro	01 01	01	30/07/2003 14/11/2006	-
13.	SMART Transmitter (VI microsystem)	01	-	5/03/2008	46,032.00
14.	Flow level loop (SAP)	01	75	25/03/2008	1,00,000.00
15.	Temp Pressure Loop (SAP)	012	47	25/03/2008	1,16,400.00
<b>Total cost (Rs.)</b>					<b>8,35,708.35</b>

**Total cost of Process Instrumentation lab (Rs.)= 8,35,708.35**

**4] Analog/Digital technique Laboratory (306) (Incharge: Prof. A.A.Shinde)**

Sr. No.	Item	Qty. held	DSR No	Date of purchase.	Total cost
01	Power Supply	12	65	12/03/2001	72,264.00
02	C.R.O.	12	09	12/03/2001	2,57,340.00
		03	10	Transferred from electronics dept	-----
03	Function Generator (100KHz)	12	21	12/03/2001	48,180.00

04	Function Generator (20MHz)	05	21	10/10/2003	67,425.00
05	Function Generator (2MHz) Model FG2MD	01	22	Transferred from Electronics Deptt.	-----
06	Multimeter	12	53	12/03/2001	12,600.00
07	Universal CPLD-FPGA Kit. Universal adapter model ADP84-C108, ADP144-F	01	09	13/10/2006	23,345.00
<b>Total cost (Rs.)</b>					<b>2,23,814.00</b>

**Total cost of Analog/Digital Technique lab (Rs.)= 2,23,814 /-**

**5] Computer Laboratory (Room N0. 307) (Incharge:Prof.S.P.Madhe)**

Sr. No.	Items	Qty held	D.S.R. No.	Date of Purchase	Total Cost Rs.
1	Microcontroller Kits	01	41	20/07/02	23,058.00
2	ADC Cards	02	11	20/07/02	7137.00
3	Microcontroller Kits	03	49	26/06/06	Transferred from Elex

					Dept.
4	PIC Kits Model LGS PIC Universal	01	49	26/06/06	Transferred from Elex Dept.
5	PIC Kit	03	49	06/04/08	25,500.00
6	MCS-51 Microcontroller Kit	05	50	06/04/08	19000.00
7	Universal Programmer	01	82	06/04/08	15000.00
8	8 Bit ADC / DAC interfacing kit	02	82	06/04/08	1900.00
9	Keyboard Interfacing Kit	02	82	06/04/08	1900.00
10	Stepper Motor interfacing kit	02	82	06/04/08	4600.00
11	ADC Cards	03	11	26/10/07	1181.00
12	CD Writer (LG)	01	10	28/10/04	1750.00
13	Networking Switch (8 Port)	01	13	10/02/05	2050.00
14	LCD projector	01	45	28/09/05	75,319.00
15	Scanner	01	-	23/08/05	Transferred from Comp Dept.
16	Dot Matrix Printer(Epson LX 300+)	01	-	23/08/05	Transferred from Comp Dept.
17	Deskjet Printer(HP 3745)	01	-	23/08/05	Transferred from Comp Dept.
18	CVT	02	-	-	Transferred from Elex. Dept.
19	IBM White P3 Processor	01	-	-	Transferred from Comp Dept
		01	-	-	
	IBM Black P4 Processor(NetVista)	04	-	-	
	Wipro P4 processor	03	-	-	
Wipro Core 2 Duo Processor	08	-	-		
20	IBM White Monitors	01	-	17/11/99	Transferred from Comp Dept
		01	-	06/03/02	
	IBM Black	04	-	30/07/03	
	Wipro Black (WC 170m)	05	-	14/11/06	
	Wipro TFT	06	-	24/03/08	
21	Keyboard	17	-	--	Transferred from Comp Dept.
22	Mouse	17	-	--	Transferred from Comp Dept.
23	DSP processor DSK Starter kit TMS 320C6713 DSP	01	14	09/11/06	30375.00

	along with standard accessories.				
24	DSP processor DSK Starter kit TMS 320C6713 DSP along with standard accessories	02	15	05/03/08	48780.00
<b>Total Cost (Rs.)</b>					<b>2,57,550.00</b>

**Total cost of Computer lab (Rs.) = 2,57,550.00**

**6] Electronic Instrumentation Laboratory(308) (Prof.N.S.Pathak)**

Sr. No.	Items	Qty held	D.S.R. No.	Date of Purchase	Total Cost Rs.
01	Digital Storage	01	14	16/10/2001	3,19,580.00

	Oscilloscope				
02	True RMS Meter	01	53	16/10/2001	10,300.00
03	Universal Counter	01	82	16/10/2001	52,000.00
04	Megger	01	52	16/10/2001	5,200.00
05	LCR Q Meter	01	45	10/10/2003	17,298.00
06	Distortion Meter	01	14	10/10/2003	7,928.25
07	Pulse Generator	01	62	10/10/2003	12,090.00
08	Labview Software(10 Users)	01	46	23/01/2008	2,71,700.00
09	DMM(RS232 interface) Model 608 of protect	01	15	27/03/2008	11,700.00
10	Arbitrary Waveform Generator(Protec 9340)	01	01	27/03/2008	81,000.00
11	Overhead Projector	02	59	02/03/2001	17,000.00
12	RS 232 Communication Interface	01	58	21/09/2001	6,000.00
13	Fibre Optic Kit	01	58	21/09/2001	37,500.00
14	Moving coil galvanometer	04	25	12/03/2001	1,800.00
15	Rheostat(100Ω/2A)	05	70	24/09/2001	2,445.00
	Rheostat(835Ω/2A)	05	70	24/09/2001	3,225.00
16	Wheatstone's Bridge	01	90	24/09/2001	4,450.00
17	AC Bridge(Schering Bridge)	01	05	24/09/2001	8,135.00
18	Decade Resistance Box	04	13	24/09/2001	8,720.00
19	Energymeter	01	17	24/09/2001	780.00
20	Potentiometer	01	63	15/04/2003	650.00
21	Ammeters(0-100μA)	03	01	15/04/2003	720.00
	Ammeters(0-500μA)	02	01	15/04/2003	480.00
<b>Total cost (Rs.)</b>					<b>8,80,801.25</b>

**Total cost of Electronic Instrumentation lab (Rs. 8,80,801.25)**

## **SECTION C**

# **Industrial Interaction**

### **A] Visits organized by Department**

<b>Sr. No</b>	<b>Date of Visit</b>	<b>Class</b>	<b>Company</b>	<b>No of Students Visted</b>	<b>Organised By</b>
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1.	25/09/2008	B.E.	Rashtriya chemicals and fertilizers Ltd. Thal	40	Mrs.D.U.Shinde
2.	29/09/2008	T.E	University of Pune	49	Mr. H.P.Chaudhari
3.	30/09/2008	S.E	Indian metrological Dept.Pune	64	Mr. N.S.Patak
4.	17/03/09	B.E	Pidilite Industries Ltd.	40	Mr.R.M.Ohol
5.	17/03/09	B.E	Sandoz Ltd.	40	Mr.R.M.Ohol
6.	07/04/09 to 09/04/09	B.E	Dinanath Mangeshkar Hospital	40	Mrs. A.A.Shinde

**B] Students undergone by vocational industrial training**

Sr. No	Date of training	Name of Student	Name of Organisation	No of Students	Organised By
1	16 <sup>th</sup> -29 <sup>th</sup> Dec 2008	Poornima M Kshirsagar	RCF Thal	11	Mr.A.D.Rahulkar
2		Smriti U Marathe			
3		Pooja R Pawar			
4		Anupama Kumari			
5		Shweta S Desai			
6		Rutuja S Laulkar			
7		Anita Mohan			
8		Srilakshmi Darbha			
9		Amita Kumari			
10		Saswati Chakraborty			
11		Malvika Menon			

**SECTION D**  
**Co-Curricular activity**

**A] Sminars/workshop organized by department**

Sr. No	Date of Event	Class	Topic	Organised By
1.	23/08/2008 and 3/10/2008	B.E (20 students)	SCADA Application Software by M/S. S. P. Systems	Mrs.S.P.Madhe
2.	17/03/09 and 25/03/09	T.E (33 students)	PCB Layout and Art work	Mrs.S.P.Madhe Mr.N.S.Patak

#### B] Expert Lectures:

Sr No.	Date of Expert lecture	Topic of lecture	Speaker Name	Organised by
1	6 <sup>th</sup> March 2009	Industrial Automation	Mr.Rakesh Thakare	Mrs.Dipali Shinde

#### C] Staff Paper/Poster presentation

Sr. No	Date of Event	Name of Staff	National/ International	Institute	Topic of event
1.	18 <sup>th</sup> & 19 <sup>th</sup> Nov.2008	Mr.B.M.Kardile	University (Poster)	Singhad college of Engg	Miniature Intravenous Drip Rate meter
2.	18 <sup>th</sup> & 19 <sup>th</sup> Nov.2008	Mrs.D.U.Shinde	University (Poster)	Singhad college of Engg	Boiler Optimization
3.	8 <sup>th</sup> to 10 <sup>th</sup> Dec. 2008	Mrs D.U.Shinde	National	AU College of Engg , Vishakhapatanam	Disturbance prediction with Model Predictive Control
4.	8 <sup>th</sup> to 10 <sup>th</sup> Dec. 2008	Mr.B.M.Kardile	National	AU College of Engg , Vishakhapatanam	Miniature Intravenous Drip Rate meter
5.	8 <sup>th</sup> to 10 <sup>th</sup> Dec. 2008	Mrs S.P.Madhe	National	AU College of Engg , Vishakhapatanam	Optimized SCADA using OPC

#### D] Training/Seminars/ Workshops attended by staff members in other Institutes

	Date of	Name of Staff	Name of	Topic of event
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<b>Sr no.</b>	<b>training</b>		<b>Organisation</b>	
1	21th Oct 25 <sup>th</sup> Oct 2008	Mr.B.M.Kardile	Wipro	High Impact teaching skills
2	14 <sup>th</sup> -18 <sup>th</sup> July 2008	Mrs S.P.Madhe	Wipro	High Impact teaching skills
3	14 <sup>th</sup> -18 <sup>th</sup> July 2008	Mrs D.U.Shinde	Wipro	High Impact teaching skills
4	4 <sup>th</sup> and 5 <sup>th</sup> Sept.2008	Mr.H.P.Chaudhari	Honeywell India Ltd.	Automation-DCS
5	4 <sup>th</sup> and 5 <sup>th</sup> Sept.2008	Mr.N.S.Patak	Honeywell India Ltd.	Automation-DCS
6	27/02/09 and 28/02/09	Mr.B.M.Kardile	Wipro	Mission10X Post workshop
7	27/02/09 and 28/02/09	Mrs S.P.Madhe	Wipro	Mission10X Post workshop
8	27/02/09 and 28/02/09	Mrs D.U.Shinde	Wipro	Mission10X Post workshop
		Mr.B.M.Kardile	Pune University	
		Mrs S.P.Madhe	Pune University	

#### **E] University sponsored research projects**

<b>Sr. No</b>	<b>Year of Event</b>	<b>Name of Staff</b>	<b>Sponsored by</b>	<b>Topic</b>
1.	2007-2008	Mrs.D. U. Shinde	University of Pune	Optimization of Industrial Boiler
2.	2007-2008	Mr. B. M. Kardile	University of Pune	Microcontroller based Intravenous Drip rate Controller

<b>Sr. No</b>	<b>Name of Paper</b>	<b>Name of Student</b>	<b>National/ Internati onal</b>	<b>Organizers</b>	<b>Competition Name</b>	<b>Prize if any</b>
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**F] Student Paper/Poster presentation**

1.	Warmer controller	Snehal Doshi Prajakta Thakur	University	Singhad college of Engg	Avishkar (Poster Presentation)	certificate
2.	Drip rate meter used in biomedical	.Snehal Bopardikar Malavika Menon	University	Singhad college of Engg	Avishkar un Happy sankranti/ponga lhttp://crackspider.net/  (Poster Presentation)	certificate
3.	Acoustic intelligibility for Fourier transform	ShireenNarappanawar Prajakta Deshpande	National	I2IT Hinjewadi	Paper presentation	certificate
4.	Non conventional energy sources	Dhanashri Shinde Rajashree Valsangkar	National	JSPM,Pune	Paper presentation	2 <sup>nd</sup> prize
5.	Robotics	Poornima M.Kshirsagar	National	AISSMS, IOIT	Paper presentation (science day)	certificate
6.	Speaker independent speech recognition system	Bhakti Bhagwat Shweta Birajdar	State	AISSMS ,IOIT	Paper presentation (Zenith)	Runner up Certificate
7.	CCTV system	Snehal Doshi	State	AISSMS ,IOIT	Paper presentation (Zenith)	Certificate
8.	Recent trends in power electronics	Anita Mohan	State	AISSMS, IOIT	Paper presentation (Zenith)	Certificate
9.	Global warming	Pratik More	State	AISSMS ,IOIT	Paper presentation (Zenith)	Certificate
10.	Network security	Madura Gokhale Ketki Kulkarni	State	AISSMS ,IOIT	Paper presentation (Zenith)	Certificate
11.	Wireless communication	Gayatri Samudra Dhanashri Shinde	State	AISSMS ,IOIT	Paper presentation (Zenith)	Certificate
12.	Recent trends in energy efficiency	Snehal Bopardikar Rajashree Valsangkar	State	AISSMS ,IOIT	Paper presentation (Zenith)	Certificate
13.		Anita Mohan Shweta Desai	University	Modern college of Engineering	Paper presentation	Certificate
14.	Zigbee	Rutuja Laulkar Saswati Chakraborty	University	Modern college of Engineering	Paper presentation	Certificate

15.	Non conventional energy sources	Snehal Bopardikar Hridaya Kulkarni	National	Bharti Vidyapeth	Paper presentation	Certificate
16.	Robo Rumble	Vaibhav Bhutada Pratik More Mahesh Telkar	National	Modern college of Engineering	Robo Rumble (Model )	2 <sup>nd</sup> Prize
17.	Robotics	Vaibhav Bhutada Pratik More Mahesh Telkar	National	D.Y Patil college of Engineering,Ak urdi	Robotics (Model )	Certificate
18.	Micromouse, Green Spam and Haptics Technology	Ashwini Kolar Aanchal Khatri Rajeshwari Mohan Poonam Mahajan Jaswandi Sawant	National	IIT, Powai	Micromouse, Green Spam and Haptics Technology (Model)	Certificate

### G] Extra curricular

Sr. No	Date	Name of student	National/ International	Organizers	Competition Name	Prize if any
1.	30 <sup>th</sup> -31 <sup>st</sup> Jan 2009	Vaibhav Bhutada Mahesh Telkar	National	Smt.Kashibai nawale college of Engg.	Box cricket	Certificate
2.	24 <sup>th</sup> Feb.2009	Pratik More	National	D.Y Patil college of Engineering,Akurdi	T.I.M.E Scholarship test	Certificate
3.	26 <sup>th</sup> -27 <sup>th</sup> Jan 2009	Vaibhav Bhutada Swapnil Satav Deepak Talvadekar Jibran Survey	University	C.O.E.Pune	cricket	Certificate
4.	6 <sup>th</sup> March 2009	Vaibhav Bhutada Alok Barodia Pratik Yadav	University	Modern college of Engineering.	Table tennis	Certificate
5.	4 <sup>th</sup> feb09	Swapnil satav Deepak Talwadekar Jibran surve Ravikumar Gannu Christoper lobo Saurabh Sagar	University	P.V.G, Modern college(8 <sup>th</sup> March 09) and V.I.T,Pune	Basketball	certificate
	4 <sup>th</sup> feb09	Neha Purandare Deepika Varma Manisha Matale Fayeque Jawid	University	P.V.G, Pune	Basketball	Girls Winner
7.	14 <sup>th</sup> March 09	Samay Bhaulikar Jibran Survey Swapnil Satav	University	V.I.T.,Pune	Football	certificate

<b>8.</b>	<b>8<sup>th</sup> March 09</b>	Saurabh Sagar Kunal Mahashabde Samay Bhaulikar Jibran Survey Swapnil Satav Yogesh Mahadik	University	Modern college of Engg	Vollyball	certificate
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#### **H] Technical Notice Board**

We collect the technical articles from our students of S.E,T.E,B.E weekly and display on the technical notice board. It helps our students for mini projects and awareness of recent research.

#### **I] INSAT Students Council**

Adviser	Prof H.P.Chaudhari
Chairman	Prof. A.D.Rahulkar
President-	Ms.Bhakti Bhagwat
Vice president	Ms.Shweta Birajdar
Joint Secretary	Ms.Neha Jagtap
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