

**Industrial Visits 2017-18****Department of E&TC Engineering**

SN.	Class & Strength	Date of visit	Faculty I/C	Industry Name	Subject	Course Outcome
1.	BE 50	28 <sup>th</sup> July 2017	Ms Meeta Bakuli & Ms Munmun Ghoshal	“Giant Metrewave Radio Telescope (GMRT)” Project, P. B. No. 6, Narayangoan, Tal- Junnar, Dist–Pune, State-Maharashtra.	Broad Band Communica tion Systems & Digital Image Processing	1. Carry out Link power budget and Rise Time Budget by proper selection of components and check its viability
2.	S.Y. B.Tech SEC: A 45	19 <sup>th</sup> Sept 2017	Mr Ankur Bobade & Ms Munmun Ghoshal	“Pimpri Chinchwad Science Park (Automobile and Fun Science Section)” Near Auto Cluster, Chinchwad Dist–Pune, State- Maharashtra.	Power Electronics	1. To Understand various Power Electronic devices
3.	S.Y. B.Tech SEC: B 51	19 <sup>th</sup> Sept 2017	Mr Ankur Bobade & Ms Munmun Ghoshal	Pimpri Chinchwad Science Park (Energy and Climate change Section)”Near Auto Cluster, Chinchwad Dist–Pune, State- Maharashtra.	Electronic Devices & Circuits	1. Understand the operation of solid state devices
4.	T.E 43	9 <sup>th</sup> Oct 2017	Mr Bharati Patil & Mr Ankur Bobade	“Kirloskar Pneumatic Co. Ltd (KPCL)” Plot No.1, Hadapsar Industrial Estate, Dist– Pune, State-Maharashtra.	Mechatroni cs	1 Identification of key elements of mechatronics system and its representation in terms of block diagram 2 Understanding basic principal of Sensors and Transducer.
5.	T.E 28	10 <sup>th</sup> Oct 2017	Mr Ankur Bobade & Ms Kavita Joshi	“A Square Electro- Engineering Lab Pvt. Ltd” Ganesh	Digital Communica tion along	1. Analyze the performance of a baseband and pass band digital communication

				Shirishti, Shop No. 17, Sector No. 29, PL-LC-2, Pradhikaran, Ravet, Pune-412101, Maharashtra	with PCB Designing	system in terms of error rate and spectral efficiency.
6.	S.Y. B.Tech SEC: A 50	27 <sup>th</sup> Oct 2017	Mr Ankur Bobade & Ms Kavita Joshi	“A Square Electro-Engineering Lab Pvt. Ltd” Ganesh Shirishti, Shop No. 17, Sector No. 29, PL-LC-2, Pradhikaran, Ravet, Pune-412101, Maharashtra	Communication Electronics along with PCB Designing	1.To acquire the basic knowledge/fundamentals of a communication system
7	S.Y. B.Tech SEC: B 36	28 <sup>th</sup> Oct 2017	Mr Ankur Bobade & Ms Kavita Joshi	“A Square Electro-Engineering Lab Pvt. Ltd” Ganesh Shirishti, Shop No. 17, Sector No. 29, PL-LC-2, Pradhikaran, Ravet, Pune-412101, Maharashtra	Communication Electronics along with PCB Designing	1.To acquire the basic knowledge/fundamentals of a communication system
8	S.Y. B.Tech SEC: B 51	21 <sup>th</sup> FEB 2018	Mr Madan Mekhala	SH Electronics co, Works, Gat No. 76, Talwade, Pune – 412114, Maharashtra.	Electronic Devices & Circuits & Power Electronics	1. Understand the operation of solid state devices 2.To Understand various Power Electronic devices
9	S.Y. B.Tech SEC: B 51	26 <sup>th</sup> FEB 2018	Mr Madan Mekhala	Eazyfarm (TechBuzz), Plot No-5, Sr No-28, Opp.Abhinav Jr. College, Katraj, Pune – 411046. Maharashtra.	Data structures & Computer Architecture & Organization	1. Describe fundamental units of computer system. 2. Identify different ways of communicating with I/O devices and interfaces. 3.To gain knowledge about basic concepts of data structures.
10	S.Y. B.Tech SEC: A 47	26 <sup>th</sup> MAR 2018	Mr Madan Mekhala	ENGINEERING CLUSTER PUNE (Supported by Ministry of MSME, Govt. of India), Plot No. 51, D-1 Block, MIDC, Chinchwad, Opp.	Power Electronics	1. Understand the operation of solid state devices

				Bird Valley Garden, Nr. Indian Oil Godown. Pune- 411019. Maharashtra		
11	S.Y. B.Tech SEC: A 47	04 <sup>th</sup> APRIL 2018	Mr Madan Mekhala	LIVE WIRE, Kesnand Phatta, Wagholi, PUNE- 412207	Modeling & Simulation	1. Identify scope of Op-amp circuits .
12	BE 50	27 <sup>th</sup> MAR 2018	Mr Madan Mekhala	“PRASAR BHARATI” Doordarshan Kendra, Kothrud, Pune	Broad band Communica tion System & Audio Video Engineering	1. To study the analysis and synthesis of TV Pictures, Composite Video Signal, Receiver, Picture Tubes and Television Camera Tubes. 2.To study the various Color Television systems with a greater emphasis on television standards.

#### Department of Computer Engineering

SN.	Class & Stren gth	Date of visit	Faculty I/C	Industry Name	Subject	Course Outcome
1.	BE/31	15/09/2 017	Mr. Sachin Patil	Opulant, Pune	Data Mining Techniques and Applications	Students are able to: 1. To understand the multi-core or distributed, concurrent/Parallel environments
2	SYBTE CH/5 9	14/12/2 017	Mr. Ganesh Bandal	iMediaLearn ing Solutions,PV T.LTD,Pune	Computer Networks	Graduates shall be able to: 1.Categorize & explain recent technologies in computer network
3.	TE /61	08/02/1 8	Mr. Riyaz Kazi	Vidyan Ashram, Pabal, Shirur	Principles of Management	Upon successful completion of the course, students will be able to: 1. Update today’s trend in market. 2. Understand the structure and behavior of organization.
4.	SYBTE CH FY M.Te ch /44	1/3/201 8	Mr. Riyaz Kazi	Pansoft Technology, Pune	Database Management System	Graduates shall be able to: 1.Explain basic concept of Database Management Systems

**Department of Information Technologies**

SN.	Class & Strength	Date of visit	Faculty I/C	Industry Name	Subject	Course Content
1.	BE –IT 20	15/9/20 17	Mr. Mohasin Tamboli	Opulent Technology, Pune	Machine Learning/Big Data & Hadoop	<ol style="list-style-type: none"> <li>1. Understand human learning aspects, primitives in learning process by computer.</li> <li>2. Understand the nature of problems solved with machine learning</li> </ol>
2.	SY/TE/ MCA 52	22/9/20 17	Ms. Poonam Dhamal	Tool Box Studio, Baner	Web Technology	<ol style="list-style-type: none"> <li>1. Understand the concepts, principles, strategies, and methodologies of Web applications and development.</li> <li>2. Understand the Web development processes and engineering aspect of web technology.</li> </ol>
3.	SY/BE/ IT 52	16 <sup>th</sup> Feb 20 18	Ms. Simran Khiani, Ms. Minaxi Doorwar	CDAC Savitribai Phule Pune University	Computer Architecture & Organisation /Distributed System	<ol style="list-style-type: none"> <li>1. Get the knowledge about fundamental units of computer architecture and different ways of communicating with I/O devices and interfaces.</li> <li>2. Understand the working of parallel systems and the principles, desired properties of distributed systems on which the internet and other distributed systems are based.</li> </ol>
4.	SY-IT 63	21 <sup>st</sup> Feb 2018	Ms. Poonam Dhamal	Pansoft Data solutions	Database management system	<ol style="list-style-type: none"> <li>1. Understand Entity Relationship Diagrams, data models and design techniques involved in the database design process.</li> <li>2. Understand and devise query a database using SQL DML/DDL command and PL/SQL. and transaction management in relational database system.</li> </ol>
5.	SY/TE/ BE-IT 70	25 <sup>th</sup> Feb 2018	Ms. Poonam Dhamal Ms. Savitri Patil	National Defense Academy , Pune	Information & Cyber Security	<ol style="list-style-type: none"> <li>1. Understand what are the common threats faced today, foundational theory behind information security.</li> <li>2. Understand the basic principles, techniques when designing a secure system, today's attacks and defenses work in practice</li> </ol>

**Department of Mechanical Engineering**

SN	Class & Strength	Date of visit	Faculty I/C	Industry Name	Subject	Course Outcome
1.	S.E.-A,B & 50,50	20/07/2017	Mr. Pathan A.M	Shrinath Mhaskoba Sakhar Sahakari Karkhana ,Ltd.	Thermodynamics	Students are able to: 1)Able to understand concept of heat engine/refrigerator/heat pump. 2)Able to analyze gas power cycles and processes. 3)Able to understand the Rankine cycle modified Rankine cycle used in thermodynamics.
2.	T.E.- A,B,& 82,72	13-14/07/2017	Mr. S.kumar	CW & PRS,Pune	Turbo M/c	Students are able to: 1)Analyze the performance of turbo machines. 2)Ability to select turbo machine for given application.
3.	B.E A.B & 50,42	31/07/2017	MR. S.Gupta	Katraj Doodh Dairy,Katraj,Pune	Refrigeration & air conditioning	Students are able to: 1)Illustrate the fundamental principles and applications of refrigeration and air conditioning system. 2)Present the properties, applications and environmental issues of different refrigerants. Calculate cooling load for air conditioning systems used for various purpose. Operate and analyze the refrigeration and air conditioning systems.
4.	T.E (A,B,C) 50,43,39	27/09/2017	Mr. Kamal Ukey	Accurate Guaging,Pune	Metrology & Quality Control	Students are able to: 1)Understand the methods of measurement, selection of measuring instruments / standards of measurement, carryout data collection and its analysis. 2)Understand and use/apply Quality Control Techniques/ Statistical Tools appropriately.
5.	S.Y-A,B 40,30	13/10/2017	Mr. Ganesh Sakhare,Lakhan Rathod	Science Park,Pune	TAE-VII	

6.	S.Y-C,58	14/10/2017	Mr. Valekar M	Science Park,Pune	TAE-VII	
7	S.Y.-b 50	06/01/2018	Mr. S.G.Gupta Mr. M.B.Valekar	Ashok leyland	Thermodynamics	Students are : 1) Able to understand concept of heat engine/refrigerator/heat pump. 2)Able to analyze gas power cycles and processes. 3)Able to understand the Rankine cycle modified Rankine cycle used in thermodynamics.
8	SY-A and C 148	23/01/2018	Mr. C.Limbadri P kathmore .M valekar	Bbhima sugar factory	Fluid Mechanics	Students are : 1)Able to summarize the working principles of reaction turbines & able to plot performance characteristics. 2)Able to explain the working principle of centrifugal pumps & plot the performance characteristics
9	T.E –A ,B,C 118	20/01/18	Mr Rupesh Raut Ganesh Sakhare P kathmore	Katraj dairy	Refrigeratio n6 & air conditioning	Students are able to: 1) Illustrate the fundamental principles and applications of refrigeration and air conditioning system. 2) Present the properties, applications and environmental issues of different refrigerants. Calculate cooling load for air conditioning systems used for various purpose. Operate and analyze the refrigeration and air conditioning systems.

### Department of Civil Engineering

SN.	Class & Strength	Date of visit	Faculty I/C	Industry Name	Subject	Course Outcome
1.	BE/120	19/07/2017	Prof.A.Khan	Khadakawasla Dam, Pune	Dams and Hydraulic Structures	Students are able to: 1. To understand components of Dam.
2	BE/120	26/10/2017	Prof.S.Narayankar	Sewage Treatment Plant ,Pune	Env. Engg.II	Graduates shall be able to: 1. Understand the process of purification of water.

3.	TE /73	23/08/17	Prof. D.M.Jade	Metrological Dept,Pune	Hyd and Water Resources Engg.	Upon successful completion of the course, students will be able to: 1. Understand the various units of meteorological system.
4.	TE /73	22/07/17	Prof. D.M.Jade	Indian Railway,ICE,Pune	Infra Struct. Engg	Upon successful completion of the course, students will be able to: 1. Know the Various components of railway track. 2. Understand the structure and of erection of track.

### Department of First Year Engineering

SN.	Class & Strength	Faculty I/C	Industry Name	Subject	Course Outcome
1.	F.Y. B-TECH Div: A 30	Mr. Dharmik Mehta Mr. Anup Atal	KWALITY PLASTIC,PRIYANKA NAGARI, WAGHOLI, PUNE	BASIC MECHANICA L & E.G	1. To Understand various manufacturing process.
2.	F.Y. B-TECH Div: B 45	Mr. S.M.Saste Mrs. Amruta Kakde	KWALITY PLASTIC,PRIYANKA NAGARI, WAGHOLI, PUNE	BASIC MECHANICA L & E.G	1. Get to know how moulding operation performs & its application.
3.	F.Y. B-TECH Div: C 33	Mr. Dharmik Mehta Ms. Rashmi K.	KWALITY PLASTIC,PRIYANKA NAGARI, WAGHOLI, PUNE	BASIC MECHANICA L & E.G	1.Get to know how moulding operation.
4.	F.Y. B-TECH Div: F 43	Mr. Dharmik Mehta Mrs. Urmila Navghan	THUSE ELECTRONICS Pvt Ltd,Bhosari, Pune	BASIC ELECTRICAL ENGG. & BASIC ELECTRONIC S ENGG	1. To Understand various Electrical & Electronic devices, circuit .
5.	F.Y. B-TECH Div: E 34	Mr. Dharmik Mehta MS. Kirti A. Mrs. Shubhangi Lohakpure	THUSE ELECTRONICS Pvt Ltd,Bhosari, Pune	BASIC ELECTRICAL ENGG. & BASIC ELECTRONIC S ENGG	1. To Understand various Electrical & Electronic devices, circuit .

6.	F.Y. B-TECH Div: G 36	Mr. Dharmik Mehta MS. Kirti A. Mrs. Shubhangi Lohakpure	THUSE ELECTRONICS Pvt Ltd, Bhosari, Pune	BASIC ELECTRICAL ENGG. & BASIC ELECTRONIC S ENGG	1. To Understand various Electrical & Electronic devices, circuit.
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