



**Sandip Foundation's**  
**Sandip Institute of Technology and Research Centre, Nashik**  
**Department of Computer Engineering**

**Value Added Program**  
**on**  
**“Employability Skill**  
**Development Training”**  
**(1<sup>st</sup> – 5<sup>th</sup> September 2017)**

**Organized by**  
**Department of Computer**  
**Engineering**



**Sandip Foundation's  
Sandip Institute of Technology and Research Centre  
Department of Computer Engineering**

**Value Added Program on  
Employability Skill Development Training**

**Name of Resource Person :** Mr. Rohit Runwal  
(MAD Academy, Pune)

**Date :** 01<sup>st</sup>-05<sup>th</sup> Sept 2017

**Duration of Course :** 30 Hrs

**Class :** TE Computer

**Venue :** “C” Building, Computer Dept., SITRC

**Aim :**

To train students on the basis of aptitude for employability.

**Objective :**

- To motivate student for Training and placement activity.
- To provide guidance to the students from IT Industry Trainer to focus on Employability skills development.
- To avail knowledge for students to crack the aptitude examinations for Placement Activity.

**Outcomes :**

- To getting placed in various Companies.
- To interact with IT professional.
- To view their idea in different ways.
- To crack aptitude examinations in professional ways.

**No. of Participants :** 153

**Course Contents :**

Sr. No.	Topic	Duration
<b><u>Syllabus for Quantitative Aptitude</u></b>		
1	Competency 1: Simple equations, Ratio,	

	Proportion, Variation, Percentages Simple equations	
	<b>Simple Equation</b> <ul style="list-style-type: none"> <li>• Definition of Linear Equations</li> </ul>	2 hrs
	<ul style="list-style-type: none"> <li>• Formation of simple equations</li> </ul>	
	<ul style="list-style-type: none"> <li>• Problems on Ages, Fractions and Digits</li> </ul>	
	<ul style="list-style-type: none"> <li>• Indeterminate system of equations</li> </ul>	
	<ul style="list-style-type: none"> <li>• Special cases in indeterminate system of equation</li> </ul>	
	Ratio and proportion <ul style="list-style-type: none"> <li>• Definition of Ratio</li> <li>• Properties of Ratios</li> <li>• Comparison of Ratios</li> <li>• Problems on Ratios</li> <li>• Compound Ratio</li> <li>• Problems on Proportion, Mean proportional and Continued Proportion</li> </ul>	2 hrs
	Variation <ul style="list-style-type: none"> <li>• Direct variation</li> <li>• Inverse variation</li> <li>• Joint variation</li> <li>• Problems on Variations</li> </ul>	2 hrs
2	<b>Competency 2:</b> Percentages, Profit and loss, Partnership, Simple interest and Compound interest, Quadratic equations, progressions	
	Percentages <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Converting a percentage into decimals</li> <li>• Converting a Decimal into a percentage</li> <li>• Percentage equivalent of fractions</li> <li>• Problems on percentages</li> </ul>	2 hrs
	Profit And Loss <ul style="list-style-type: none"> <li>• Problems on Profit and Loss percentage</li> <li>• Relation between Cost Price and Selling price</li> <li>• Discount and Marked Price</li> <li>• Two different articles sold at same</li> </ul>	2 hrs

	<p>Cost Price</p> <ul style="list-style-type: none"> <li>• Two different articles sold at same Selling Price</li> <li>• Gain% / Loss% on Selling Price</li> </ul>	
	<p>Partnership</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• Relation between capitals, Period of investments and Shares</li> </ul>	2 hrs
	<p>Simple Interest</p> <ul style="list-style-type: none"> <li>• Definitions</li> <li>• Problems on interest and amount</li> <li>• Problems when rate of interest and time period are numerically equal</li> </ul>	2 hrs
	<p>Compound Interest</p> <ul style="list-style-type: none"> <li>• Definition and formula for amount in compound interest</li> <li>• Difference between simple interest and compound interest for 2 years on the same principle and time period.</li> </ul>	2 hrs
	<p>Quadratic equations</p> <ul style="list-style-type: none"> <li>• General form of Quadratic equations</li> <li>• Finding the roots of Quadratic equations</li> <li>• Nature of the roots</li> <li>• Relation between the roots</li> <li>• Maximum and minimum value of Quadratic Expression</li> </ul>	2 hrs
<b><u>Syllabus for Reasoning</u></b>		
<b>3</b>	<b>Competency 3</b>	
	<p>Deductions</p> <ul style="list-style-type: none"> <li>• Finding the conclusions using Venn diagram method</li> <li>• Finding the conclusions using syllogism method</li> </ul>	2 hrs
	<p>Connectives</p> <ul style="list-style-type: none"> <li>• Definition of a simple statement</li> <li>• Definition of compound statement</li> <li>• Finding the Implications for compound statements</li> <li>• Finding the Negations for compound statements</li> </ul>	2 hrs
	<b>Competency 4</b>	

	Analytical Reasoning puzzles <ul style="list-style-type: none"> <li>• Problems on Linear arrangement</li> <li>• Problems on Circular arrangement</li> <li>• Problems on Double line-up</li> <li>• Problems on Selections</li> <li>• Problems on Comparisons</li> </ul>	2 hrs
	<b>Competency 5:</b>	
	Clocks <ul style="list-style-type: none"> <li>• Finding the angle when the time is given</li> <li>• Finding the time when the angle is known</li> <li>• Relation between Angle, Minutes and Hours</li> <li>• Exceptional cases in clocks</li> </ul>	2 hrs
	Calendars <ul style="list-style-type: none"> <li>• Definition of a Leap Year</li> <li>• Finding the number of Odd days</li> <li>• Framing the year code for centuries</li> <li>• Finding the day of any random calendar date</li> </ul>	2 hrs
<b><u>Blood Relations</u></b>		
	<ul style="list-style-type: none"> <li>• Defining the various relations among the members of a family</li> </ul>	2 hrs
	<ul style="list-style-type: none"> <li>• Solving Blood Relation puzzles</li> </ul>	
	<ul style="list-style-type: none"> <li>• Solving the problems on Blood Relations using symbols and notations</li> </ul>	

### List of Participants:

Sr. No.	Name	Sr. No.	Name
1	KUSHAL SUDHAKAR PATIL	77	TAUSIF AKIL SHAIKH
2	SHIVANI KAMLESH BHARDWAJ	78	ASHWINI DAGU AVHAD
3	PRAVEEN DATTU KADBHANE	79	SUBHASN LUHAR BARELA
4	ANJU RADHAKRISHNAN UNNITHAN	80	SHIVLAL PRAKASH BARELA
5	DIVYANI TIKALAL PARDESHI	81	MAYUR RAMDAS BHADANGE
6	POOJA RAJENDRA SINKAR	82	AMRUTA ARJUN BHANGE
7	ROSHNI KISHOR MAHAJAN	83	ROSHANI VASANT BORGAONKAR

8	ASHI VINOD GHADIYA	84	HEMANGI ARVIND BORSE
9	NIKHIL BALASAHEB DUGJE	85	PRADNYA BALASAHEB BORSE
10	ABHIJEET VIJAY PATIL	86	APURWA ARUN CHAUDHARI
11	RAJASHREE DAULAT CHAUDHARY	87	SWIKRUTI JAYKUMAR CHAUDHARY
12	PRANALI RAJENDRA HYALIJ	88	PRADEEP - CHAUHAN
13	YASH SURESH CHAUDHARI	89	PRATEEK TULSARAO D
14	NIKHIL SUNIL SAINDANE	90	AKSHAY RAJENDRA DAMALE
15	GANESH DNYANESHWAR ZATKE	91	MANOJ ARUN DASHPUTE
16	ONKAR LAXMAN GATKAL	92	SHUBHAM MADHUKAR DEORE
17	PRANITA GANGAIAH KANUKUNTLA	93	AASAWARI PRAKASH DIXIT
18	AASHISH PANDHARILAL PAL	94	VIKAS MANGILAL GABHANE
19	KIRAN TULSHIRAM KUMAWAT	95	VAISHNAVI ANANDRAO GANGURDE
20	KOMAL YASHWANT SAVKAR	96	AKASH MUKESH GARG
21	JAYASHRI TUKARAM SONAWANE	97	SNEHAL SUNIL GAVANDE
22	ADITYA RAJENDRA PATIL	98	MAYURI TUKARAM GHULE
23	DEVAL RAMDAS THAKKAR	99	SHIVANI DIPAKGIR GOSAVI
24	YASH DATTATRAY AVHAD	100	SHUBHANGI NANA JAGTAP
25	MOHIT VISHNU SONAWANE	101	SHWETA RAJENDRA JAGTAP
26	POOJA SUDHAKAR WALE	102	DINESH VASANT JAMDAR
27	ANURAG KANAHIYA TEJWANI	103	PRASAD SURESH JAVHARKAR
28	PRATIK PRABHAKAR SHETTY	104	SHEETAL NANDKISHOR KADAM
29	NIHARIKA N SINGH	105	PRIYANKA RAMESH KAMBLE
30	RISHABH JITENDRA RAYLIWALA	106	HIRAL NILESH KAPDI
31	NIKITA VIJAY JADHAV	107	AMIT HARNATH KATEWA
32	SHUBHAM VINOD YADAV	108	ZARKANAUSHIN IZHAR KHAN
33	SNEHA BRAJESH SHARMA	109	GOVINDA RAJENDRA KHANDELWAL
34	SHYAMPRADEEPSINGH . RATHORE	110	SANJU SALURAM KHERIYA
35	KUNJ MRUDANG RANPURA	111	GAURI KRUSHNA KOLHE
36	SAMEER SOMNATH SANGLE	112	KIRAN PRAKASH LULLA
37	SHIVANI DNYESHWAR GOPALE	113	SRUSHTI PRASHANT MAGAR
38	KARAN DEEPAK VIDHATE	114	NISHA KARBHARI MAGAR

39	NIKITA VIJAY WAGH	115	SONI VASANT MAHALE
40	MANISHA PANDIT	116	RAKSHALI AMBADAS MARATHE
41	KALPESH JITENDRA MISAL	117	SHUBHAM DHANRAJ MITKARI
42	SHRADDHA DHRUWAS PATIL	118	PRATIK HARISH MOTWANI
43	PREETI RAMPRATAP MAURYA	119	PUSHPAK BHIKANDAS MUTHA
44	SAYALI RAVINDRA PATIL	120	SHUBHAM DHONDU NAGARE
45	HARISH RAVIKANT MORE	121	POOJA VIJAY PACHORKAR
46	RATNA TIRTHARAJ PHALAK	122	ABHIRAJ ASHOK PAGARE
47	RAHUL RAVINDRA PATIL	123	ANIKET VIJAY PAGARE
48	RITIKA SANJAY AHIRE	124	ANISHA . PARPANATHAN
49	KAJAL BHIMRAO KAPSE	125	SHITKUMAR DHANSUKHBHAI PATEL
50	SUDHIR RAJARAM PATIL	126	SANCHEET SANJAY PATIL
51	SHILA ANANDA SHINDE	127	ASHISH MANOJ PATIL
52	ANIL SUDAM MANMOTHE	128	PRAPTI RAJENDRA PATIL
53	MRUNAL VILAS KATKARI	129	SUJATA NAMDEO PATIL
54	LINA DNYANESHWAR SHINDE	130	VICKY PRAMOD PATIL
55	UJJWALA MAHENDRA BADGUJAR	131	PRIYANKA KAILAS PAWAR\
56	PRIYANKA RAJENDRA MORE	132	AIAMAN NAUSHAD PEERZADE
57	KSHITIJ DIPRAJ DHANVIJAY	133	CHIRAG UDAY PEJAVAR
58	CHIATALI SURESH MALI	134	ASHWINI SUBHASH PINGLE
59	ANJALI MUKUND SONAWANE	135	CHANDRASHEKHAR RAMESH RATHOD
60	PRACHI RAJESH DANDAGAVAL	136	ASHISH VISHWAS SAJNULE
61	MAMTA ANIL SHAHA	137	VAISHALI KAILAS SHARDUL
62	BHAVANA EKNATH CHAUDHARY	138	GORAKH KEVAL SHEWALE
63	POOJA JAIRAM KOTHULE	139	PRIYANKA DATTATREY SOLANKAR
64	PUNAM RAJU MAHAJAN	140	PARVATI . SOMAN
65	AESHA SURESHBHAI DHANANI	141	VAJRA ASHWIN SOMAVANSHI
66	SNEHAL RAMESH DHURJAD	142	SHUBHANGI RAMESH SONAWANE
67	AMRUTA SUNIL BODKE	143	DHANASHRI SHANTILAL SONAWANE
68	SHIVAM SHUBHASH UTEKAR	144	YOGITA SHANTARAM SONAWANE

69	HEMANT KASHINATH GAIKWAD	145	VIJAY RAJKUMAR SONAWANE
70	GIRISHA CHHABILDAS JAWALE	146	VARAD AJAY UDAWANT
71	PRASHANT NARAYAN MAHALE	147	BINAL KAMLESH VASANT
72	SOMESH PRALHAD PATIL	148	PRANALI JIBHAU WAGH
73	HARDIK KAILAS RABHADIYA	149	POORNIMA HARISHCHANDRA WAGH
74	PALLAVI SOMNATH SANDHAN	150	KAMAKSHI SATISH ZADE
75	SEEMA BALU LAHAMAGE	151	ANAGHA RAMESH JOSHI
76	MANSI SANJAY CHAUDHARI	152	PRANJAL ANILKUMAR KHABIYA
		153	NIKHIL RAM GURUBAXANI







**Prof. R. S. Shirsath  
(Coordinator)**

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(HOD, Comp)**