



INSTITUTE OF AERONAUTICAL ENGINEERING

DUNDIGAL – 500 043, HYDERABAD

PLACEMENT AND TRAINING CENTRE

DHANUSH – 2015

A Pre-placement Summer Training Program for III B.Tech II B.Tech PAT Registered Students

25 March, 2015

Placement and Training Centre (PAT) has the responsibility of facilitating the Campus Recruitment Programme. The Placement Centre initiates and takes care of contacts with leading organizations for campus visits and is functional throughout the year. It endeavors to match the aspirations of the students with the needs of the Industry.

The PAT center also provides counseling and guidance to the students regarding the visiting organizations, selection procedure, preparation methods & resources thereby ensuring that the students are adequately equipped to face the recruitment tests.

In this highly competitive and ever changing World, it is critical & imperative that, students must constantly develop and work on themselves to stay ahead of the competition. This would lead to enhanced self awareness, clarity for one's life & career. PAT centre conducts training programs that help students unleash their potentials; understand their gifts. This helps the students to be more self assured and become well groomed citizens.

Before you get a job, your job is to impress employers enough so that they will hire you and the first impression you make on an employer may be based on your appearance. If you appear for an interview carelessly groomed, a potential employer may assume you are careless about other things. He or she may think your initiative, may need close supervision, and may not be a good employee.

Your appearance also may affect how you feel about yourself. Knowing that your appearance is good may give you added confidence in yourself – and self-confidence is essential if you are going to make a good first impression.

Benefits in attending the Training Programme:

Participants will be able to:

- Apply new and more productive work habits to achieve higher efficiency
- Eliminate or change non productive behaviors
- Analyze a typical day, identify priorities, interruptions and distractions and determine what needs to be done, deferred or delegated
- Demonstrate skills of building effective relationships using methods of communication etc.
- Understand the critical to success factors that affect an interview outcome
- Improve interview skills
- Raise confidence level
- Raise awareness of the impression you make and how to improve it
- Look at different types of questions and how to deal with them.

I. Details of Training

Module I:

Technical Training in C Language, Data Structures, RDBMS, Software Engineering, Operating Systems and Computer Networks.

Module II:

Topics to be covered in Quantitative Aptitude and Reasoning are:

I. Quantitative Aptitude			
1	Average	11	Time and Work
2	Ratio and Proportion	12	Pipes and Cisterns
3	Partnership	13	Time and Distance
4	Problems on Ages	14	Boats and Streams
5	Simple Interest	15	Permutations and Combinations
6	Compound Interest	16	Probability
7	Profit and Loss	17	Logarithms
8	Percentages	18	Surds
9	Mensuration-1	19	Numbers Theory
10	Mensuration-2	20	Allegation or Mixtures
II. Reasoning			
1	Coding -Decoding	11	Seating Arrangement
2	Letter Series, Odd-man-out and Analogy	12	Comparison Test
3	Number Series, Odd-man-out and Analogy	13	Ranking Test
4	Mathematical Operations	14	Time Sequence Test
5	Calendar	15	Blood Relations
6	Dices	16	Puzzle Test
7	Inserting Numbers	17	Logical Reasoning
8	Directions	18	Clocks
9	Input-Output	19	Data Interpretation
10	Logical Venn diagrams	20	Non Verbal Reasoning

Module III:

English language basics, Grammar and Comprehension

Module IV:

Topics to be covered on Personality Development and Soft Skills for Engineering Students

1. Group Discussions
2. HR Interview Questions
3. Interpersonal Skills
 - a. Soft Skills
 - b. Body Language
 - c. Team Work
 - d. Presentation Skills (JAM)
4. Brief Introduction to IT Majors Companies
5. Interviewing Skills (Mock Interviews)

II. Schedule of Training

Module: I					
Day/s	9:45 – 10:45 AM	10:45 – 11:45 AM	T E A	12:00 – 1:00 PM	2:00 – 3.30 PM
21 May, 2015	C Language	C Language		C Language	C Language
22 May, 2015	C Language	C Language		C Language	C Language
23 May, 2015	C Language	C Language		C Language	C Language
24 May, 2015	Data Structures	Data Structures		Data Structures	Data Structures
25 May, 2015	Data Structures	Data Structures		Data Structures	Data Structures
26 May, 2015	Computer Networks	Computer Networks		Computer Networks	C Mock Test - I
28 May, 2015	Verbal Reasoning	Verbal Reasoning		Verbal Reasoning	C Mock Test - II
29 May, 2015	Verbal Reasoning	Verbal Reasoning		Verbal Reasoning	DS Mock Test - I
30 May, 2015	Verbal Reasoning	Verbal Reasoning		Verbal Reasoning	DS Mock Test - II
Module: II					
Day/s	9:45 – 10:45 AM	10:45 – 11:45 AM	T E A	12:00 – 1:00 PM	2:00 – 3.30 PM
1 June, 2015	Non Verbal Reasoning	Non Verbal Reasoning		Quantitative Aptitude	Quantitative Aptitude
2 June, 2015	Quantitative Aptitude	Quantitative Aptitude		Quantitative Aptitude	Quantitative Aptitude
3 June, 2015	Quantitative Aptitude	Quantitative Aptitude		Quantitative Aptitude	Infosys Pattern Mock Test – I & II
Module: III					
Day	9:45 – 10:45 AM	10:45 – 11:45 AM	T E A	12:00 – 1:00 PM	2:00 – 3.30 PM
4 June, 2015	English language	English language		English language	LEE Mock Test - I
5 June, 2015	English language	English language		English language	LEE Mock Test - II
Module: IV					
Day	9:45 – 10:45 AM	10:45 – 11:45 AM	T E A	12:00 – 1:00 PM	2:00 – 3.30 PM
6 June, 2015	Tips for Facing Group Discussion	Group Discussion		Group Discussion	Tech Mahindra Pattern Mock Test - I
8 June, 2015	Group Discussion	Group Discussion		Presentation Skills (JAM)	Tech Mahindra Pattern Mock Test - II
9 June, 2015	Soft Skills	Body Language		Personality Development	NTT Data Pattern Mock Test - I
10 June, 2015	Analysis of HR Questions & interview Tips	Analysis of HR Questions & interview Tips		Analysis of HR Questions & interview Tips	NTT Data Pattern Mock Test - II
11 June, 2015	Team Work	Mock Interviews		Mock Interviews	Infosys Pattern Mock Test - III
12 June, 2015	Introduction to IT Major Companies	Introduction to IT Major Companies		Discussion and Feedback	Infosys Pattern Mock Test - IV
13 June, 2015	Workshop by Infosys Technologies Limited, Bangalore				
14 June, 2015	Workshop by Tech Mahindra, Hyderabad				
15 June, 2015	Workshop by Tata Consultancy Services, Hyderabad				
20 June, 2015	AMCAT Pre Assessment Test - I				
25 June, 2015	CoCubes Pre Assessment Test - I				

PAT OFFICER