



BEST PRACTICES

Best Practice 1

Title of the Practice:

“Aspiring Minds Computer Adaptive Test (AMCAT)”

1. Objectives:

- To enhance student's communication skills, logical reasoning, quantitative skills and job specific domain skills.
- To match candidates with suitable jobs based on their performance on the test.
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2. The Context

- Teaching and learning is the most important activity in Curriculum. Now a day following qualities are also important in industrial engineering: Critical thinking skills, Problem-solving skills, Creativity, Strong oral communication skills, Excellent writing skills, An aptitude for math, engineering, and finance.
- It always requires new methods or innovativeness in teaching and learning.
- How can good candidates, highlight themselves to companies? So solution to this problem is provided by AMCAT exam.
- By performing well in the AMCAT, a good candidate can stand out amongst their peers.

3. The Practice

- Pre-requisite for AMCAT department is taking successive soft skill programs, Industry guest lectures, Aptitude test.
- This current semester before the AMCAT test SEED Infotech program was conducted on college level to enhance above mentioned skills in student.
- The college has taken initiative in arranging makeup classes to complete syllabus in scheduled period.

4. Evidence of Success

- The evidence of improved system will be reflect in student placement (In-campus/Off-campus) results.

5. Problems Encountered and Resources Required

- As our college falls under rural zone students have less exposure to the current state of art technology. Colleges required extra efforts for convincing students and implement this type of exam in college campus.
- College computer labs were used while conducting the exam.

Best Practice 2

1. Title of the Practice:

“Quantitative Aptitude Training Program”

2. Objectives:

To get Student will learn to,

- Apply whatever they have learnt at the beginner’s level.
- Solve problems of higher difficulty level.
- Master all the techniques to crack the actual placement aptitude test.
- Apply these techniques with the help of Practice Aptitude Tests similar to the actual ones.

3. The Context

- To bridges the gap between corporate requirements and student’s knowledge and skill sets. Training is required improve skills such as aptitude, reasoning, technical and soft skills that would aid in the employability of the students.

4. The Practice

- The training and placement cell has organized this training program. It is for all the department’s final year students. It was 20 days program 6 hours daily.

Following aptitude topics conducted :

1. Pre-Assessment Test.
2. Numbers and number Series.
3. HCF-LCF.
4. Percentage.
5. Average.
6. Ratio & Proportion.
7. Partnership.
8. Profit & Loss
9. Mixtures & Allegations
10. Simple & Compound Interest
11. Pipes & Cisterns, Time & Work.
12. Time, Speed and Distance of Boats & Streams.
13. Precautions and Combinations
14. Probability & Set Theory
15. Syllogisms
16. Case based Puzzles, Linear and Circular arrangements.
17. Critical Reasoning.
18. Logical Ability & General Problems
19. Data Interpretation & Data Sufficiency.
20. Puzzles.
21. Clocks & Calendars.

It also includes the short duration numerical solving tests.

5. Evidence of Success

Students are able to perform well in post Assessment Aptitude Test.

6. Problems Encountered and Resources Required

- The student missed out the academic lectures and practical during that training. Faculty has to take extra lectures and practical to complete the syllabus as per curriculum.

Resources required are faculties for the co ordination as students from different branches are involved. Classrooms, projectors as per the requirement of teaching faculty.