**NEW HORIZON COLLEGE OF ENGINEERING, BENGALURU**

Autonomous College affiliated to VTU, Accredited by NAAC with 'A' grade, Accredited by NBA

**Consolidated Report of ‘Mathematical Aptitude Test-Skill Development Training Programme’**

Date: 19/07/18,

By **Prof. G. Chandrasekaran**

**No of Participants:** 19

**Topics Covered:**

1. Number systems
2. LCM&HCF
3. Percentages
4. Ratio proportions and variations
5. Simple equations
6. Profit and loss
7. Ages
8. Time, speed & distance-train, boat &streams
9. Number, letter &pattern series
10. Cubes
11. Puzzles

**Reasoning Ability**

1. Non-verbal reasoning
2. Technical understanding
3. Critical thinking ability
4. Problem solving ability
5. Logical reasoning ability

**Objectives Fulfilled:**

1. Logical Reasoning
2. Critical Thinking
3. Short Cut Methods
4. Cracking critical problem in a easier way

**Session Conduction details:**

Session started exactly at 9.35 am with Invocation song and welcome speech by Dr. Srinivasa G., Head, Department of Mathematics. The resource person took over the session and made all the participants to solve simple mathematical puzzles and he taught them to solve the same puzzles with various short cut techniques in a short time.

After the tea break, the II session started from 11.20am and the resource person was able to relate Time, speed & distance-train, boat &streams, Number, letter & pattern series, cubes etc. to mathematical shortcut techniques.

After lunch, III session started from 1.35 pm and Dr. Chandrasekhar was able to focus on logical reasoning and critical thinking with short cut methods and how to crack critical problem in an easier way. Lots of hands on experience was provided to all the participants. The IV session got over by 4.30pm. The program ended by vote of thanks by HOD, Mathematics.

**Usefulness of the Session:**

By this training program faculty members and placement coordinators were enriched with skills to train students for placement activities both in analytical reasoning and quantitative ability.

Prepared by Tarunika Sharma, Assistant professor 2- BSH department