



## Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)  
Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India  
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NAAC  
3<sup>rd</sup> Cycle

Criterion II  
Metric 2.3.1

### 2.3.1 Aptitude Skills

This is to certify that the following are the details of aptitude training methodology conducted by placement cell during the academic year 2016-17 to 2020-21:

S. No.	Content
1	Aptitude Classes for Second Year
2	Practice Based Questions
3	Problem solving, Logical reasoning and Critical thinking



*6/2/22*  
(Prof. Dr. V. RAJENDRAN)  
Principal





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## APTITUDE TRAINING METHODOLOGY

*Aptitude training* is given in order to solve problems and also to develop the skills of logical reasoning, critical thinking and creative knowledge for testing their mental ability. Aptitude tests are used to short list the candidates for the next level of the selection process.

- Classes for all second-year students
- Practice based Questions

### *1. Aptitude Classes for Second Year*

Regular Aptitude classes are conducted as a part of the college syllabus and curriculum. Expert faculty dedicate 24 hours per semester and cover topics that are much needed for Aptitude Training. Topics on *Problem solving, Logical reasoning and Critical thinking* are given special attention.

### *2. Practice Based Questions*

Regular Assessments are conducted to further analyze the student's ability and performance during the training period. An *Aptitude test* is a systematic means of testing a candidate's abilities to perform specific tasks and react to a range of different situations, questions are mostly based on the criteria of Companies requirements. Each test has a standardized method of administration and scoring, with the results quantified and compared





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with the rest of the examinations. It identifies the types of questions that arise from areas of practice, develop a focused practice-based question.



Practice Based Tests conducted in Labs

### ***3. Problem solving, Logical reasoning and Critical thinking***

Problem-solving refers to a person's ability to successfully manage and find solutions for complex and unexpected situations. Students with great problem-solving skills have a combination of both analytical and creative thinking. They're comfortable with making decisions and confident





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enough to rise to challenges in the workplace. There are six key problem-solving skills that students should look for when assessing job students:

### 1. Listening skills

Active listeners are generally great problem solvers. They can listen to those around them to gather the information needed to solve the problem at hand. They recognize the importance of valuing others' opinions and experiences to help understand why the problem occurred and the best course of action to remedy it.



Listening skills training given in labs

### 2. Analytical thinking skills





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Analytical thinkers can identify the logical reasons why a problem occurred, what the long-term effects of the issue could be, and identify how effective different solutions might be to select the most practical one.



Students working out an Aptitude test which tests their Analytical skills

### 3. Creative thinking skills

Creative thinkers can balance their analytical skills with creative solutions. Creative thinking skills allow individuals to uncover innovative and progressive solutions to problems. They're able to provide new perspectives and provide imaginative and experimental solutions to all kinds of problems. Students are assessed to come out with the creative thinking skills





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Students working out an Aptitude test to enhance their creativity skills

#### 4. Communication skills

Students should also possess great communication skills. The students were trained with communication skills in order to make them ready for the interview process.







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### Students trained to enrich their communicative skills

#### 5. Decision-making skills

Those with problem-solving skills will also possess the ability to make decisions and be confident in them. This is important, as most problem-solving steps involve making firm decisions to provide a successful outcome.





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Aptitude classes taken for second year students to enhance decision making skills of the students

### 6. Teamwork

Although problem-solvers need to be independent thinkers, it's also vital for them to work well as part of a team. Determining the best solution often requires collaboration, so it's important that students can demonstrate how they can motivate others to come up with the best solutions and work with them to help develop and implement solutions.







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Students working out an Aptitude test in teamwork

