# **Training Modules**

# **Aptitude**

#### **Quants:**

- Numbers
- Permutations & Combinations
- Geometry, Mensuration
- Probability
- Time and Work & Time, Speed, Distance
- Profit and Loss & Ratios & Proportions
- Trigonometry & Height and Distance
- Simple Interest & Compound Interest
- Averages & Percentages & Partnership
- Clocks & Calendars, Cubes & Cuboids
- Problems On Ages
- Logarithms, Progressions

### Verbal:

- Synonyms, Antonyms
- Selecting Words, Grammar Basics
- Spotting Errors
- Sentence Completion, Sentence Correction, Sentence Improvement
- Reading Comprehension
- Jumbled Sentences
- Theme Detection
- Verbal Analogies
- Sentence Formation, Paragraph Formation
- Choosing The Correct Word
- Idioms and Phrases

## **Reasoning:**

- Logical Deductions, Logical Puzzles
- Odd Man Out, Analogies
- Image Based Problems, Coding and Decoding
- Direction Sense
- Critical Reasoning & Analytical Reasoning
- Syllogism
- Blood Relations
- Seating Arrangements, Data Arrangements
- Data Interpretation
- Sentence Selection
- Venn Diagrams
- Statement and Conclusions, Crypt arithmetic
- Data Sufficiency

#### **Technical**

- C for all branches
- C++ for all branches
- Java
- Data Structures
- Networking
- Web designing
- IOT/ Python/SQL/DBMS
- Android

#### **Soft Skill**

- Goal Setting
- Career Planning
- Reaching your Potential
- Stress Management
- Grooming and Discipline
- Communication Skills
- Listening Skills
- Team Building
- Assertiveness
- Creativity
- Group Discussion and Personal Interview
- HR Round practice

# **Certification Programs**

Certification programs are the gateways for niche jobs in the industries as it makes students Industry ready. It has played a huge role in increasing our average package offered. We expose our student to various certification programs like:

- **♦** Cloud Computing
- ♦ Machine Learning A-Z: Hands on Python and R
- ♦ Cmos VLSI Design
- ♦ Programming and Data structure in Python
- ♦ IOT Using Raspberry pi
- ♦ Data Science with R
- ♦ Full Stack Web Developer
- ♦ Ethical Hacking
- ♦ Android App development
- ♦ Web Development- Complete Fast Track
- ♦ Data Science with R

- ♦ Embedded System in Robotics and IOT
- ♦ Front end Web Developer
- ◆ PIC Microcontroller programming
- ♦ CADD
- ♦ Cyber Security and Forensics
- ♦ Linux Administration
- ♦ Basic Arduino programming
- ♦ Amazon Web Services
- ♦ Allan Bradley PLC programming and maintenance
- ♦ MATLAB
- ♦Aircraft and Ground maintenance

