Raju's Classes

ATTENTION!

Let Us Crack

AAI - ATC

Grab the Opportunity & Control the Air-Traffic

NEW BATCH ON

17TH JUNE 2022

9789046383 / 9940293337

WHY RAJU'S CLASSES?

Our commitment to quality is a promise to every student who is a part of Raju’s classes. Our new and comprehensive ATC course is for all Tamil aspirants who are preparing for ATC. The course is engineered with our conceptual learning and exam requirements.

To bring out effective learning in students, we tailored this course with checkpoint tests and rigorous practice sessions coupled with faculty guidance and support. All non-technical videos will be in recorded form and made available for students to watch anytime they like.

Why Raju's Classes for AAI - ATC / AO Exams?

RAJU'S CLASSES

- A Complete COMBO Course for both ATC and AO Exams
- FULL Syllabus Coverage.
- Only Competitive Exam Oriented CONCEPTUAL Approach.
- Pre-Recorded Videos with INTERACTIVE Board Teaching.
- DOUBT CLARIFICATIONS with Live Sessions.
- Discussion on PREVIOUS YEAR Questions & Solutions.
- Unlimited Streaming with QUALITY Technical Contents as per Syllabus.
- Chapter Wise TEST SERIES along with Full Tests.
- Both TECHNICAL and NON-TECHNICAL Contents
- Individual Technical (WhatsApp) Groups for TIMELY UPDATES (For Course Joiners)
- PRE-PLANNED Schedule to track the syllabus coverage.
- GUIDANCE from the Faculties with Versatile Subject Expertise.
- 500+ ASPIRANTS have enrolled with our institution so far.
- Live Sessions also will be made available as RECORDED VIDEOS

COURSE DETAILS

HIGHLIGHTS

- Pre-Recorded Videos
- Live Discussions
- Conceptual Approach
- Easily Understandable
- Complete Syllabus Coverage
- Unlimited Streaming

COURSE DETAILS

- Course Fee Offer : ~~16000/-~~
  25% OFF 12,000/-
- Offer Valid for first 50 Aspirants
- New Batch Starts on 17-06-2022
- For Further Details Visit..

www.rajusclasses.in

Click Here to Join the Course

Click Here to MAKE PAYEMNT

Schedule for AAI – ATC / AO COURSE

Handled by : Raju Govindharajan **Timing : 6.30 PM Daily**

RAJU'S CLASSES

Session	Date	Chapter	Objective of Learning
1	17.06.2022	Linear and Planar Motion	Introduction to Linear (Rectilinear and Curvilinear) Motions – Planar Motions (Projectile and Rotational Motion) – Discussion on Equations of Motions.
2	18.06.2022	Linear and Planar Motion	Solving Previous years questions and analyzing Expected Questions
3	20.06.2022	English 1	Parts of Speech + Nouns – 10 NCERT Vocab – Revision (Solving Error Spotting)
4	21.06.2022	Quantitative Ability 1	HCF & LCM, Percentage, Average
5	22.06.2022	Engg Mathematics	Discussion on Differential Calculus – Functions- Continuous and discontinuous- Limits- L'Hospital rule - Differentiability – Mean Value Theorems -
6	23.06.2022	Laws of Motion and conservation principles, Dynamics of Particles.	Discussion on basic laws of motion with all conservation principle. Fundamentals of particles and rigid bodies. Equations of kinetics and kinematics. Moment of Inertia and its application.

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Session	Date	Chapter	Objective of Learning
7	24.06.2022	Gravitation	Introduction to Gravitation – Kepler's law – Universal law of gravitation – Acceleration due to gravity – Satellite motion – Concept of escape velocity.
8	25.06.2022	Engg Mathematics	Introduction to Linear algebra - Matrices – Types - Properties – Determinants – Inverse – Rank – System of linear equations – Eigen values and Eigen Vectors
9	27.06.2022	Properties of Matter (Solids, Fluids and Thermal)	Detailed discussion on the fundamentals of Strength of Materials – Stress Strain relationship – Elastic behavior of Materials - Flow streamlines – viscosity- Bernoulli's Equation – Thermal properties – Specific heat capacities – Modes of Heat transfer and their governing laws- Newton's law of cooling.
10	28.06.2022	Laws of Motion and Properties of Matter	Solving Previous years questions and analyzing Expected Questions
11	29.06.2022	Reasoning ability 1	Analogy, Classification
12	30.06.2022	English 2	Pronouns + 10 NCERT Vocab Revision (Common errors)

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Session	Date	Chapter	Objective of Learning
13	01.07.2022	Quantitative ability 2	Ratio & Proportion, Mixture and Allegations
14	02.07.2022	Engg Mathematics	Introduction to Differential equations – Linear differential equation – Higher order differential equations – residues.
15	04.07.2022	Thermodynamics 1	Introduction to thermodynamic system, properties, process and cycles. Zeroth & First law of thermodynamics and steady flow energy equation.
16	05.07.2022	Thermodynamics 2	Second law of thermodynamics – Heat engine, Heat pump and refrigerator – COP calculations – Reversible and irreversible process – Ideal Carnot cycle – Kinetic theory of gases – Perfect gas law- Dalton's partial pressure law – Vander Wals correction
17	06.07.2022	Reasoning ability 2	Directions, Logical arrangements
18	07.07.2022	English 3	Verbs + Tense + 10 NCERT Vocab Revision (Improve the sentence, Error spotting, Fill in the blanks)

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Session	Date	Chapter	Objective of Learning
19	08.07.2022	Quantitative ability 3	Time and Work, Pipes and Cisterns
20	09.07.2022	Engg Mathematics	Maxima minima and partial derivatives
21	11.07.2022	Oscillation and Waves	Types of periodic and Oscillatory motion – SHM – Concept of resonance – Forced and damped oscillations – Propagation of transverse and longitudinal waves – superposition – concept of Doppler effect.
22	12.07.2022	Thermodynamics 1 & 2	Solving Previous years questions and analyzing Expected Questions
23	13.07.2022	Reasoning ability 3	Blood relations, Dictionary
24	14.07.2022	English 4	Adjectives + Adverbs + 10 NCERT Vocab Revision (Error spotting & Sentence Improvement)

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Session	Date	Chapter	Objective of Learning
25	15.07.2022	Quantitative ability 4	Profit and loss
26	16.07.2022	Engg Mathematics	Integral calculus – definite integrals and theorems
27	18.07.2022	Engg Mathematics	Applications of integration – multiple integration
28	19.07.2022	Ray Optics	Introduction to ray reflection – Internal reflection – refraction through spherical surfaces, lenses and Prism
29	20.07.2022	Reasoning ability 4	Letter series, Number series, Ranking
30	21.07.2022	English 5	Prepositions + Conjunctions – 10 NCERT Vocab Revision (Fill in the blanks & Error spotting)

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RAJU'S CLASSES

Session	Date	Chapter	Objective of Learning
31	22.07.2022	Quantitative ability 5	Simple Interest and Compound Interest
32	23.07.2022	Wave Optics	Discussion on Huygens Principle -Wave front- Interference , diffraction and Polarization
33	25.07.2022	Ray Optics & Wave Optics	Solving Previous years questions and analyzing Expected Questions
34	26.07.2022	Engg Mathematics	Introduction to vector calculus – Directional derivative and its significance – Applications of Curl and divergence – Vector integration
35	27.07.2022	Engg Mathematics	Introduction to numerical methods – Gaussian – Gauss Seidal – Gauss Jordan – Newton Raphson method – Numerical integration – Trapezoidal – Simpson's 1/3 and 3/8 rule – Numerical differentiation
36	28.07.2022	English 6	Sub-Verb Agreement rules + Question tags + 10 NCERT Vocab Revision (Error spotting and Sentence improvement)

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RAJU'S CLASSES

Session	Date	Chapter	Objective of Learning
37	29.07.2022	Quantitative ability 6	Time and Distance, Trains, Boat and Streams
38	30.07.2022	Quantum Mechanics	Dual nature of Matter – Planck's theory – Einstein relativity theory- Compton effect- De Broglie wavelength - Germer experiment – Schrodinger wave equation and its significance
39	01.08.2022	Atomic and Nuclear Physics	Rutherford atomic model – Bohr principle – Atomic mass calculation – binding energy
40	02.08.2022	Quantum Mechanics, Atomic and Nuclear Physics	Solving Previous years questions and analyzing Expected Questions
41	03.08.2022	Reasoning ability 5	Word formation, Logical Venn diagram, Mirror images
42	04.08.2022	English 7	Reading comprehension (Sentence, Paragraph and Passage)

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Session	Date	Chapter	Objective of Learning
43	05.08.2022	Quantitative ability 7	Algebra, Simplification
44	06.08.2022	Engg Mathematics	Introduction to complex numbers – properties – complex functions – Harmonic functions – CR equations – Cauchy's integral theorem – integral formula – residues and poles
45	08.08.2022	Electrostatics	Introduction to electric charge – Coulomb's law – Conductors – Insulators – Capacitors - Dielectrics
46	09.08.2022	Electricity	Ohm's law - Kirchhoff's law – Electrical resistivity – Thermal effects – Wheatstone bridge
47	10.08.2022	Reasoning ability 6	Symbols and Notations, Syllogism, Embedded Figure and water images.
48	11.08.2022	English 8	Solving question papers (Error spotting, Sentence improvement, Idioms & Phrases and foreign words)

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Session	Date	Chapter	Objective of Learning
49	12.08.2022	Quantitative ability 8	Mensuration
50	13.08.2022	Magnetism	Magnetic force – Magnetic field – Biot – Savart law – Magnetic dipole – Solenoid - Galvanometer
51	15.08.2022	Electro Magnetism	Magnetic flux – Henry - Faraday law – Len'z law, EMF and eddy currents.
52	16.08.2022	Engg Mathematics	Introduction to probability and Random variables conditional probability and distributions
53	17.08.2022	Electromagnetic Waves	Theory of Electromagnetic waves – concept of displacement current.
54	18.08.2022	Units and Dimensions	Discussion on basic dimensional quantities and dimensional analysis.

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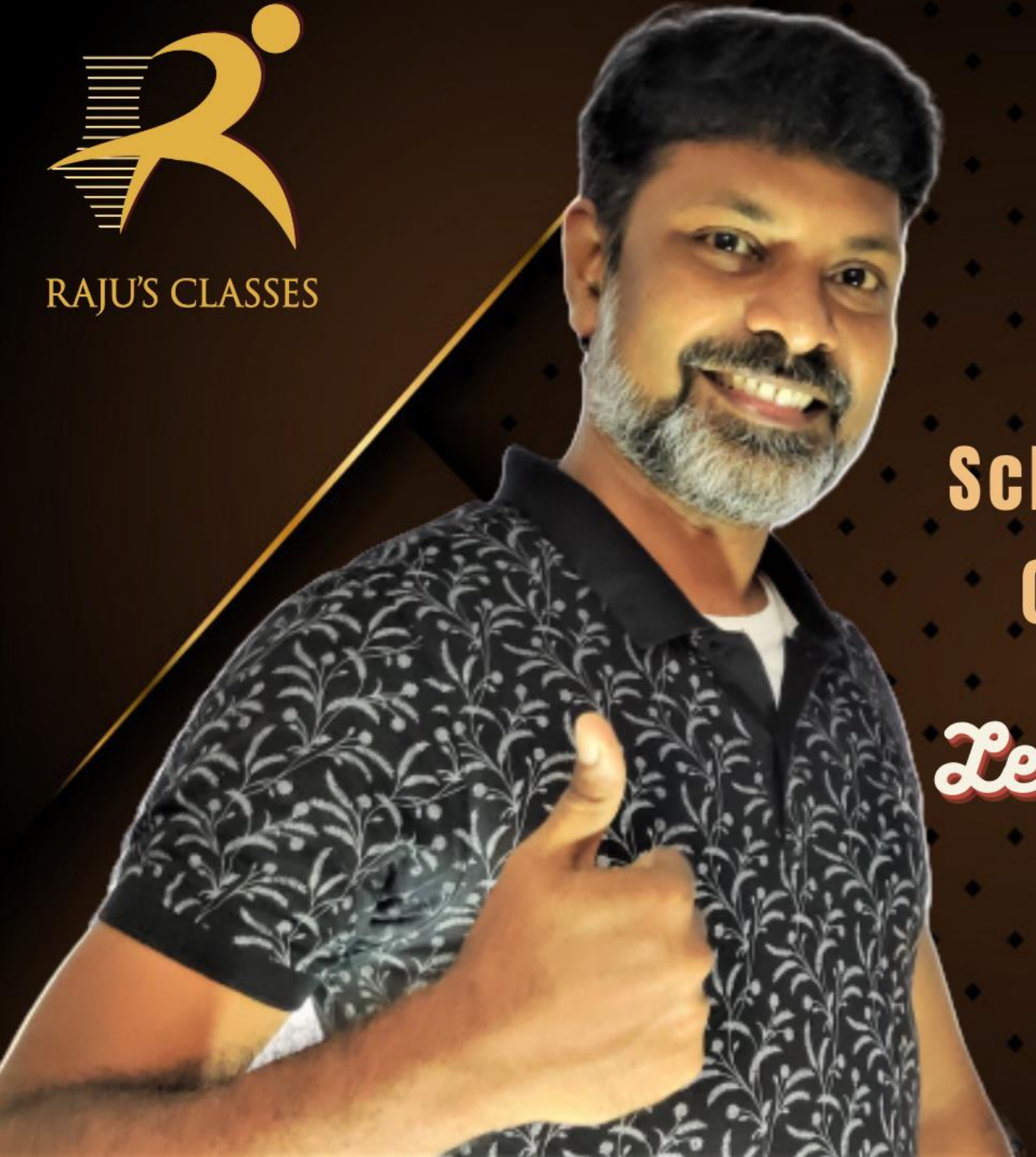
RAJU'S CLASSES

Session	Date	Chapter	Objective of Learning
55	19.08.2022	English 9	Solving question papers (Reading comprehension, Cloze test & Sentence rearrangement)
56	20.08.2022	Permutations & Combinations	Introduction- Counting – Factorial – Theorems – Distinct and Non-Distinct Cases
57	22.08.2022	Three Dimensional Geometry	Planes in 3D space – Section Formula
58	23.08.2022	Three Dimensional Geometry	Ratios of Segments – Centroids
59	24.08.2022	Three Dimensional Geometry	Direction Cosines – Line Equation in Space
60	25.08.2022	Three Dimensional Geometry	Angle between lines & Planes – Plane Equation in Space – Coplanarity.

RAJU'S CLASSES



Revision Classes

Schedule and

Chapter-wise Test Series

Schedule will be Updated after Completion of the Course..

Let us join together to crack

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FOR FURTHER DETAILS

Contact

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