

ESE 2021 In Just

75
DAYS

Master Strategy
by an Ex-IES Officer



Sanjay Sir

ESE-2005: AIR-16

ESE-2008: AIR-21

ABOUT ME : SANJAY RATHI

- 19 Years' Teaching Experience
- AIR-16 (ESE 2005), AIR-21 (ESE 2008) ✓
- Mentored more than 1 Lakh Students ✓✓
- **Area of Expertise:**
Network Theory, Digital, Control, EDC, Analog





Top ESE 2021 In Just 75 Day !! Unforgettable strategy



Enrolment Started for New Batch

VISION 2022

A Course for ESE & GATE 2022
Electronics Engineering Aspirants



850+

Hrs. of Live Classes

8,000+

Practice Questions

100+

Mock Tests

120+

Chapter-wise
Study Notes

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PSU Exams

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GHAR SE HAI JAARI

2021
GATE 2022

IITs/PSUs Interview Guidance

LIVE @ 04:30 PM



ESE/HAL/HPCL

Rapid Fire Revision Series

Network Theory & EMFT

EPISODE
02

LIVE

@ 08 PM



Chaitanya Reddy,
Sanjay Rathi

ESE/HAL/HPCL

Rapid Fire Revision Series

**Control Systems &
Digital Circuits**

**EPISODE
01**

LIVE @ 03 PM

Chandan Jha,
Rakesh Talreja



Stages	Subjects	Duration	Maximum Marks
Stage-I: Preliminary	Paper-I (General Studies and Engineering Aptitude)	<u>100</u> → <u>120 m.</u> → <u>140</u> 2 hrs.	<u>200</u>
	Paper-II (Engineering Discipline)	<u>200 - 220</u> 3 hrs.	<u>300</u>
Stage-II: Mains	Paper-I (Engineering Subjects)	3 hrs.	<u>300</u>
	Paper-II (Engineering Subjects)	3 hrs.	<u>300</u>
Stage-III: Personality Test	Interview	-	<u>200</u>

General Studies and Engineering Aptitude (Preliminary Exam/Stage-I) {Common for all}

PAPER - I

- Current issues of national and international importance relating to social, economic and industrial development
- Engineering Aptitude covering Logical reasoning and Analytical ability 100+
- Engineering Mathematics and Numerical Analysis
- General Principles of Design, Drawing, Importance of Safety
- Standards and Quality practices in production, construction, maintenance and services
- Basics of Energy and Environment: Conservation, environmental pollution and degradation, Climate Change, Environmental impact assessment
- Basics of Project Management
- Basics of Material Science and Engineering
- Information and Communication Technologies (ICT) based tools and their applications in Engineering such as networking, e-governance and technology based education.
- Ethics and values in Engineering profession.

Civil
Engineering

Building Materials

50-70%

30

✓ Solid Mechanics (GATE)

Easy.

moderate.

✓ Structural Analysis (GATE)

✓ Design of Steel Structure

✓ Design of Concrete & Masonry (GATE)

✓ Construction Practice, Planning & Management

✓ Hydro Power

✓ Hydrology and Water Resources Engineering (GATE)

Environmental Engineering (GATE)

Geo-Technical Engineering (GATE)

Surveying and Geology (GATE)

Transportation Engineering (GATE)

Prelim/Stage I

Paper-II (Engineering Discipline)

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Mechanical
Engineering

Fluid Mechanics (GATE)

Thermodynamics & Heat Transfer (GATE)

IC Engine, Refrigeration & Air Conditioner (GATE)

Turbo Machinery (GATE)

Power Plant Engineering

Renewable Energy

50-70% Easy.

Engineering Mechanics (GATE)

Engineering Materials (GATE)

Mechanisms & Machine (GATE)

Design of Machine element (GATE)

Industrial Engineering (GATE)

Mechatronics & Robotics

Prelim/Stage I

Paper-II (Engineering Discipline)

75

Electrical Engineering

Electrical Materials

50 → 70%

Electric Circuits and Fields (GATE)

Electrical and Electronic Measurements (GATE)

Computer Fundamentals

40%

Basic Electronics Engineering

[Analog] GATE

Analog and Digital Electronics (GATE)

Systems and Signal Processing (GATE)

New

Control Systems (GATE)

Electrical Machines (GATE)

Power Systems (GATE)

Power Electronics and Drives (GATE)

Prelim/Stage I

Paper-II (Engineering Discipline)

C++

Core.

Electronics &
Telecommunication
Engineering

Basic Electronics Engineering (GATE)

Basic Electrical Engineering

New: 50-70%

New: Materials Science

New: Electronic Measurements and Instrumentation

✓ Network Theory (GATE)

✓ Analog and Digital Circuits (GATE)

✓ Analog and Digital Communication Systems

✓ Control Systems (GATE)

Computer Organization and Architecture

Electro Magnetics (GATE)

Advanced Electronics Topics

• Advanced Communication Topics (GATE)

Prelim/Stage I

Paper-II (Engineering Discipline)

imp
imp

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ESE Non-Tech 2021: Achiever's Study Plan (GS & EA)

S.No.	Subject Name	Topic Name	Notes and Quiz	Publishing Date
1	Material science & Engineering	Mechanical properties of material	Study Notes Daily Quiz	19 April 2021
2		Crystal structure	Study Notes Daily Quiz	20 April 2021
3		Chemical Bond	Study Notes Daily Quiz	21 April 2021
4		Ferrous & Non-ferrous metals and alloys	Study Notes Daily Quiz	22 April 2021
		Ceramics,	Study Notes	23 April

ESE 2021 (Civil): Achiever's Study Plan (Notes & Quizzes)

Subject	Study Notes	Quiz	Date
Hydrology & Irrigation	Precipitation, Evaporation and Evapotranspiration	Attempt Now	12- April- 2021
	Infiltration and Runoff	Attempt Now	13- April- 2021
	Hydrographs and its Analysis	Attempt Now	14- April- 2021
	Flood estimation and routing	Attempt Now	15- April- 2021
	Reservoir and Channel Routing	Attempt Now	16- April- 2021
	Types of irrigation systems	Attempt Now	17- April- 2021

ESE 2021 (E&T) Achievers 90 days Study Plan for Electronics & Communication

Topic Name	Content	Date
Network Theory		
Network Equation & Solution Method	<ul style="list-style-type: none">• Study Notes• Attempt Here Quiz-1	13-April-2021
Wye-Delta Transformation	<ul style="list-style-type: none">• Study Notes• Attempt Here Quiz-2	14-April-2021
Network Theorems & Transformation-1	<ul style="list-style-type: none">• Study Notes• Attempt Here Quiz-3	15-April-2021
Network Theorems & Transformation-2	<ul style="list-style-type: none">• Study Notes• Attempt Here Quiz-4	15-April-2021

ESE 2021 (Electrical) : Achiever's Study Plan (Notes & Quizzes)

Topic Name	Content	Date
Network Theory		
Networks and Solutions Part-1	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-1 	10-April-2021
Single Phase AC Circuit & Formulas, Power in AC Circuit	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-2 	13-April-2021
Three Phase Circuit & Circuit Breaker	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-3 	16-April-2021
Transformers, Autotrans, Equivalent & Maximum Power Transfer Theorem	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-4 	19-April-2021
Inductors, Capacitors, Impedance & Admittance Theorem	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-5 	22-April-2021
D, Y, Δ & ΔT Parameters & their Relationships	<ul style="list-style-type: none"> Study Notes ESE 2021 network Theory Quiz-6 	25-April-2021

ESE 2021(Mechanical): Achievers 90 days Study Plan (Notes & Quizzes)

Subject	Sr. No.	Study notes	Time	Date
Fluid Mechanics	1	Fluid Properties	1 hour	12- April-2021
	2	Fluid Statics Hydrostatics and Buoyancy	1 hour	13- April-2021
	3	Fluid Kinematics	1 hour	14- April-2021
	4	Fluid Dynamics & Bernoulli's Equation Flow Measurements Control Volume Analysis of Flow Momentum and Energy	1 hour	15- April-2021
	5	Laminar & Turbulent flow Losses in Pipe Flow	1 hour	16- April-2021

STUDY PLAN(NOTES/QUIZZES/YOUTUBE)	LINK
ESE Prelims Non-Tech 75 days FREE Crash Course (Youtube) Study Plan:	https://bit.ly/ESE_prelims
ESE Non-Tech 2021: Achiever's Study Plan (GS & EA Quiz Plan)	http://bit.ly/ESE_NonTech_Quiz
ESE 90 days Achievers Quiz plan Mechanical Engineering Stream	http://bit.ly/ESE_ME_Quiz
ESE 90 days Achievers Quiz plan Electronics & Communication Engineering	http://bit.ly/ESE_EC_Quiz
ESE 90 days Achievers Quiz plan Electrical Engineering	http://bit.ly/ESE_EE_Quiz
Achievers Quiz Plan For Engineering Service Examination : Civil Engineering	http://bit.ly/ESE_CE_Quiz

75

① Pre.

main X Interview X

② Attend Regular. Classes. YT, app PDFs

—, — Quizes — app

③ Reserve one seat for you.

④ focused on Topper's marks not on cutoff

55% Off

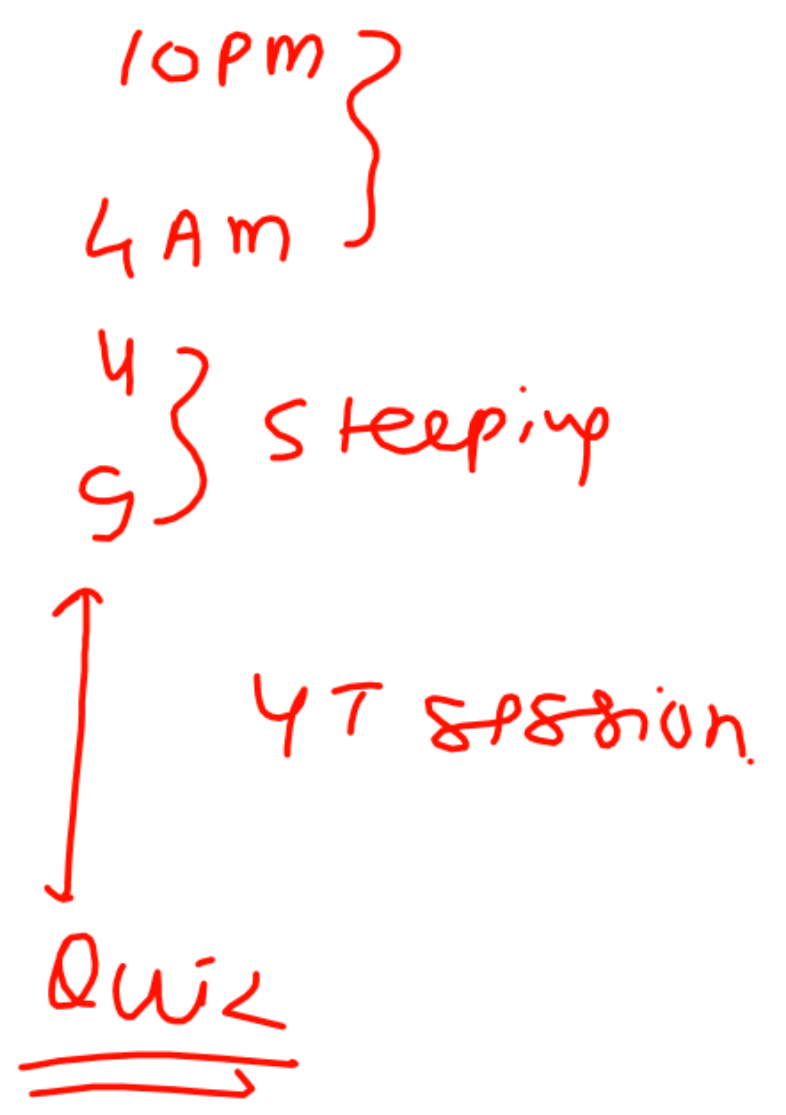
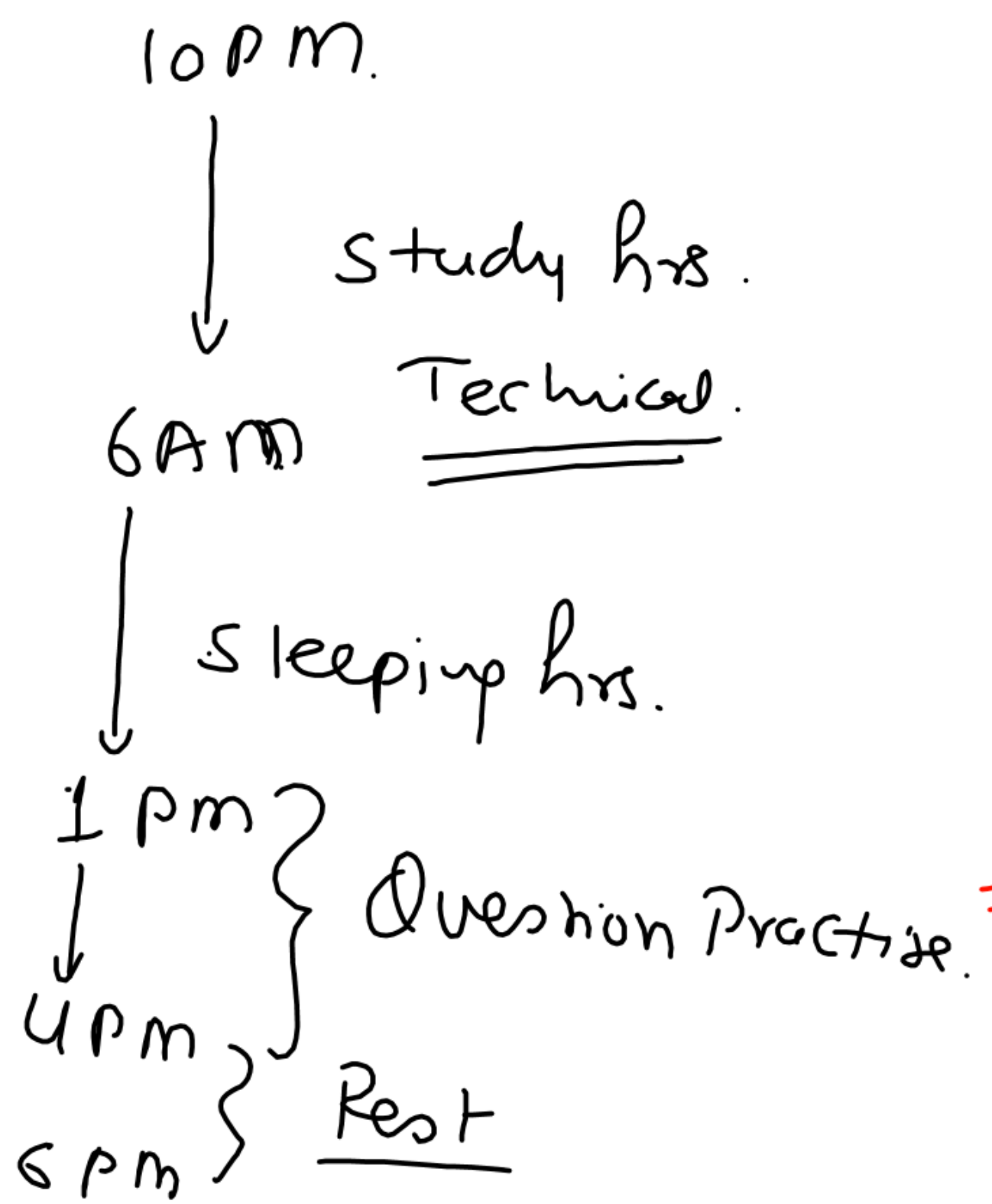
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6-8 PM General studies.



① 6-8 hrs self study is Required.

② 3 → 4 hrs. Quiz + self analysis. + work on
YT session weekend.

③ 2 hrs. General Studies.

④ 7-8 Steeping.

2 → Lunch Dinner TV Enjoy.

200 }
200 }
200 }
300
300



Limited Seats!!

Enrolment Started from 14th April

VISION 2023

Course for ESE & GATE 2023

CE | ME | EE | EC



950+

Hrs. of Live Classes

8,000+

Practice Questions

120+

Chapter-wise
Study Notes

120+

Mock Tests

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Weekend Special Batch

Hurry up! Enrolment Closing on 30th April

EXCEL 2022

Technical Course for ESE & GATE
CE | ME | EE | EC



550+

Hrs. of Live Classes

200+

Quizzes

100+

Chapter-wise
Study Notes

60+

Mock Tests

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For More Information :  **9650052904**



NEW BATCH

Enrolment Started for Batch-6

VISION 2022

Course for ESE, GATE & PSUs

CE | ME | EE | EC | CS



850+

Hrs. of Live Classes

8,000+

Practice Questions

100+

Mock Tests

120+

Chapter-wise
Study Notes

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For More Information :  **9650052904**



First HINDI Batch

Limited Seats!!

Hurry up!! Enrolment Closing Soon!

VISION 2022 (HINDI)

Course for ESE, GATE & PSUs

CE | ME | EE | EC | CS



850+

Hrs. of Live Classes

8,000+

Practice Questions

120+

Chapter-wise
Study Notes

100+

Mock Tests

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Our Star Faculty



Ankit Joshi

15+ Years of Experience
Produced AIR 1 in
GATE 2 times
Produced 50+ Students
under AIR 100 in GATE



Rakesh Talreja

10+ Years of Experience
M.Tech, IISc Bangalore (AIR-9)



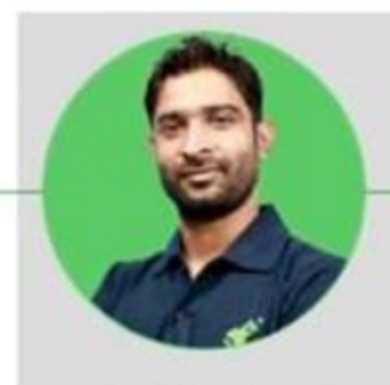
Sanjay Rathi

18+ Years of Experience
ESE AIR 16 & AIR 21
Produced many top rankers
under AIR 100



MN Ramesh

17+ Years of Experience
M.E, Osmania University,
Hyderabad



Chandan Jha

9+ Years of Experience
M.Tech, NIT Hamirpur



Chaitanya Reddy

11+ Years of Experience
M.Tech, JNTU Hyderabad

10+ Gradians
Under **AIR 10**



AIR 2



EC

Poojasree M

AIR 3



ME

Munish

AIR 4



IN

Dhakar

AIR 5



EC

Valchnav KV

AIR 6



EC

Parag Saroha

AIR 7



CE

Amit

AIR 7



ME

V Pritsal

AIR 8



EE

Ujjawal Kumar

AIR 9



CS

Niranjan Dhoot

AIR 9



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