

ARCHITECTURE DEPARTMENT - GATE CELL

Prof. Manjett Jadhav
Gate cell Coordinator,
Architecture Department

Prof. Indrajeet Jadhav
Head,
Architecture Department

Prof. Ravindra Sawar
Dean,
Architecture Department

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GATE 2021



Architecture and GATE –

Various fields of Architecture –

Urban Planning

Urban Design

Interior Design

Landscape Design

Project Construction Management

Product Design

Conservation

Sustainable/ Environment Design

Architectural Journalism



Architecture Dept. - GATE cell

Strategies for commencing GATE cell of Architecture Department –

Increasing awareness about GATE examination among students from Second year to Final year Arch students by –

Organizing monthly expert guest lectures to guide students for GATE examination.

Appointment of subject wise expert faculties.

Online coaching classes will be conducted from 4th September 2020 (every Friday & Saturday)

Monthly mock test to be conducted and checking by faculties.

Schedule table for GATE classes subject wise will be published among students by 1st August 2020.

Books and study material are available in Departmental library.



out GATE –

The Gratitude Aptitude Test in Engineering (GATE) conducted by IITs is a bench mark test for engineering and architecture facilitating admissions for higher education (M.Arch/Ph.D.)



Since last few years, GATE score is being used as one of the criteria for recruitment in National/State Public Sector Undertakings in Governments Organizations in India.

GATE exams are computer based test having multiple choice questions and numerical answer type questions.

The questions are mostly fundamental, concept based and thought provoking.

Many GATE qualified candidates are paid scholarships/assistantships, especially funded by M.H.R.D. (Ministry of Human Resource Development, Government of India and by other Ministries.

my GATE?



my GATE?

Admission to Post Graduate and Doctoral Programmes

GATE qualified candidates with Bachelor's degree in Architecture/Engineering are eligible for admission to Master's and Doctoral programmes in Architecture/Engineering.

Candidates with Master's degree in Architecture/Engineering may seek admission to relevant Ph.D. programmes with scholarship/assistantship without preparing in the GATE examination.





OBJECTIVE & EXPECTED OUTCOME

OBJECTIVE OF STUDY –

Familiarize students with large scale Architectural building projects with emphasis on building services systems, architectural controls & building bye laws.

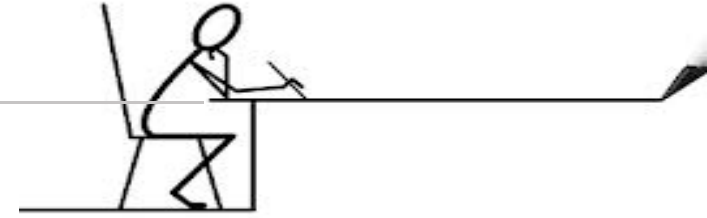
EXPECTED OUTCOME –

Understanding typologies of Architectural Design projects in Urban area.

Understanding various architectural services such as sewage & sullage disposal, water supply, Electrical, Air-conditioning & fire fighting related to the interior layout of the concerned building.

Understanding of services shall be reflected in drainage layout, layout of water supply, Electrical layout, layout of air-conditioning & layout for firefighting of the concerned design.

ATION AND EXAMINATION TYPE



ATE examination consists of a single paper of 3-hour duration contains 65 questions carrying a maximum of 100 marks.

question paper will consist of both multiple choice questions) and numerical answer type (NAT) questions.

examination for all the papers will be carried out in an ONLINE computer based test (CBT) mode.

ELIGIBILITY CRITERIA

Qualifying Degree	Qualifying Degree/Examination	Description of Eligible Candidates
B.E./ B.Tech./ B.Pharm.	Bachelor's degree holders in Engineering/Technology (4 years after 10+2 or 3 years after B.Sc./Diploma in Engineering/Technology)	Currently in the final year or already completed
B. Arch.	Bachelor's degree holders of Architecture (5 years course)/Naval Architecture (4 years course)/Planning (4 years course)	Currently in the final year or already completed

KNOCK OUT PLAN FOR GATE EXAM

- Planning your study after analyzing previous year's papers.
- Solve the previous year's GATE papers.
- Mock test is a great platform to check yourself.
- Analyze your results.
- Keep the time for Revision.
- Group study is advisable.

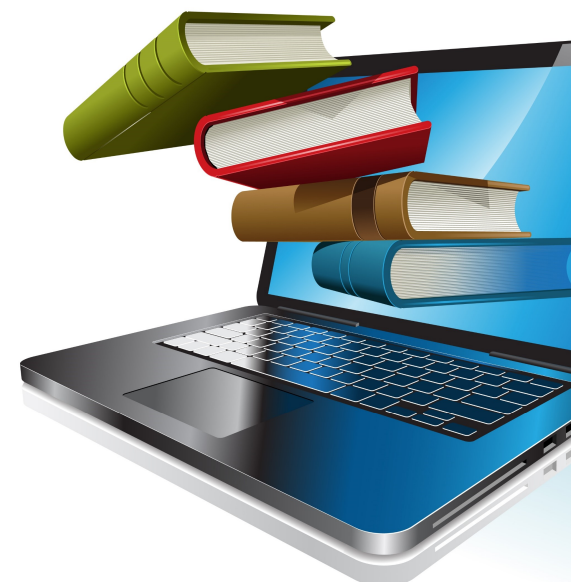


SYLLABUS FOR GATE 2021 -

- . Architecture and Design
- . Building Materials, Construction and Management
- . Building and Structures
- . Environmental Planning and Design
- . Urban Design
- . Urban Planning and Housing
- . Planning Techniques and Management
- . Services, Infrastructure and Transportation

REFERENCE BOOKS FOR GATE EXAM -

Book Name	Author
<u>Building Construction</u>	Sushil Kumar
<u>Building Construction</u>	Rangwala
Design of Cities	Edmund Bawn
History of Architecture	Fletcher
The Great Ages Of World Architecture	G K Hiraskar
<u>Environmental Studies: From Crisis to Cure</u>	Rajagopalan
<u>Manual of Tropical Housing and building</u>	Koenigsberger
<u>Building Services and Equipment: Volume 2</u>	F Hall
Urbanization and National Development	Leo Jacobson & Ved Prakash
<u>Urban Transport Planning and Management</u>	Pratibha Deshmukh
<u>CAD/CAM: Principles and Applications</u>	P N Rao
Design with Nature pioneered the concept of ecological planning	Ian McHarg
<u>Becoming a Landscape Architect: A Guide to Careers in Design</u>	Kelleann Foster
<u>A textbook of Strength of Materials</u>	R S Khurmi
<u>General Aptitude Theory and Practice</u>	Ajay Kumar, Anand Kumar



f Alumni appeared for GATE exam

Sr. No.	Name of Student	Year of Passing	Year of Appearing GATE/Competitive Examination	GATE Score Out of 100
1	Pragandha Kulkarni	2017	2019	54
2	Santosh Jagtap	2017	2018	34.33
3	Digvijay Pawar	2017	2018	24.67
4	Aarti Atigre	2017	2018	44
5	Yashasree Purohit	2019	2020	41
6	Shivani Melvanki	2019	2020	17

GATE 2021 schedule – Important dates (tentative)

GATE 2021 Events	GATE 2021 Dates	Salient Features
website live	16-Jul-20	IIT Bombay to conduct GATE 2021 Exam
Application form availability	August last week or September 1 st week	Registration to be done online only. No change in the Registration fee. Rs 500 additional fees to be paid by candidates who missed the deadline.
Deadline to fill the application form	September last week	Candidates must complete their registrations before the last date as, without it, they will not be allowed to appear in the exam
Deadline to register with late fee	October 1 st week	Candidates could register for the GATE 2021 by paying Rs 500 in addition to the application fee.
Application form correction window	October 3 rd week	Candidates can correct their details and change their image/signature. An additional fee will be applicable.
Application correction window for specific sections	November 1 st week	Candidates can correct details like exam city, paper, category, and gender in the submitted application form.
Admit card download	January 1 st week	Download the admit card from GATE official website. It is an essential document and will be required until the admission process
Exam day	February 1 st and 2 nd week	The exam will be conducted in morning and afternoon slots.
Result announcement	March 3 rd week	Download GATE scorecard from its official website

E 2021 details

Exam Name	Graduate Aptitude Test in Engineering
Exam Frequency	Once a year
Exam Mode	Online
Exam Duration	3 hours
Test Takers	Approx 10 Lakh
Accepting Colleges	1404 colleges
Official Website	http://gate.iitd.ac.in/index.php