Nivedita Academy has been providing coaching for NATA since its inception. We have achieved 100% success rate in NATA previous years and all of our students have joined in B.Arch courses. Admission is going on for NATA 2020 crash Course.

National Aptitude Test in Architecture (NATA) is a national level undergraduate exam which is conducted by Council of Architecture (COA) for admission to 5-year B.Arch programme. Through NATA 2020, candidates can get admission into B.Arch programme offered by Government, Government-aided, Private Unaided, University Departments and Deemed Universities of the country.

From 2019, the exam will be conducted twice a year - first on April and the second on July. The admit card of NATA 2020 for the two attempts will be released separately. Candidates can appear in one or both the attempts of NATA 2020. If the candidate appears in both attempts, then best of the two scores will be considered.

The eligibility criteria of NATA 2020 has also been changed, with diploma candidates currently no longer eligible for admission.

The question paper of the exam has two parts- Part A containing Multiple Choice Questions (MCQs) was conducted online, while Part B (Drawing test) was held in offline mode.
Exam Level: **National Level Exam**
Frequency: **Twice a year**
Languages: **English**
Conducting Body: **Council of Architecture**
Duration: **3 Hours**

NATA 2020 Important Dates

NATA (Session Apr 2020)

Upcoming Dates and Events
24 Jan, 2020 - 11 Mar, 2020 (Tentative)
Application | Mode: Online
01 Apr, 2020 (Tentative)
Admit Card | Mode: Online
14 Apr, 2020 (Tentative)
Exam | Mode: Offline and Online
03 May, 2020 (Tentative)
Result | Mode: Online

Read More

NATA (Session Jul 2020)

Upcoming Dates and Events
24 Jan, 2020 - 12 Jun, 2020 (Tentative)
Application | Mode: Online
26 Jun, 2020 (Tentative)
Admit Card | Mode: Online

07 Jul, 2020 (Tentative)
Exam | Mode: Offline and Online
18 Jul, 2020 (Tentative)
Result | Mode: Online

NATA 2020 Eligibility Criteria

Candidates appearing for the entrance exam need to meet the below mentioned eligibility criteria of NATA prescribed by the authorities.

NATA 2020 Eligibility Criteria

Qualifying Examination: Candidate must have passed 10+2 or equivalent examination.

Please note that from the academic session 2019, Diploma holders are no longer eligible for admission to architecture program.

Qualifying Marks: Candidate must have obtained a minimum of 50% marks in mathematics, physics, and chemistry taken together. Additionally, the candidate need to score minimum 50% marks in aggregate in 10+2.

Age limit: Minimum 17 years of age as on July 31, 2020.

NATA 2020 Application Process

Mode of Application : Online
Mode of Payment : Net Banking | Credit Card | Debit Card

NATA 2020 application form will be available in online mode.

NATA 2020 Application Form- Steps to Follow

Step 1 – Register- To fill the application form of NATA 2020, registration has to be done by firstly submitting details like name, mobile number, date of birth, and valid email id. Also, choose a username and create a password for future log-ins.

Step 2 – Login to fill the application form : Use the username and password to log-in and enter all the requisite details like personal, communication, and academic information. Also, choose three exam centres in order of preference.

Step 3 – Upload Scanned Images of Documents: In the prescribed format by the authorities, candidates will have to upload scanned images of their photograph, signature and community certificate (if applicable).

Documents
Specifications

Document	File Size	Dimension
Signature	1-30 KB	1.5 x 3.5 cm
Photograph	4-100 KB	4.5 x 3.5 cm

Community certificate (only by SC/ST candidates)	Up to 1 MB	A4 Size

Step 4 – Generation of Application Number- Once uploading of documents is done, candidates will have to submit the application form. On submission of NATA 2020 application form, an 8-digit application number will be generated.

Step 5 – Pay Application Fee: Prescribed application fee need to be paid in online mode (credit/debit card, or net banking).

Step 6 – Take a Print out of Confirmation page: Once all the above-mentioned steps are completed, the application confirmation page will be displayed. Download the confirmation page and take a printout of it for future reference.

Application Fees

Category	Quota	Mode	Gender
General		Online	Male
General, OBC		Online	Transgender, Female
SC, ST		Online	Male, Transgender, Female

NATA 2020 Syllabus

Section	Unit	Topic
Mathematics	Algebra	Definitions of A.P.
		Definitions of G.P.
		General term of AP and GP
		Summation of first n-terms of ser
		Arithmetic and geometric series

Section	Unit	Topic
		Relation of A.M. and G.M.
		Infinite G.P. Series and its sum
	Logarithms	Definition, general properties and in logarithms
	Matrices	Concepts of m x n m ≤ 3 n ≤ 3 re
		Operations of addition
		Scalar multiplication and multipli matrices
		Transpose of a matrix
		Determinant of a square matrix
		Properties of determinants statem
		Minor, cofactor and adjoint of a r
		Non-singular matrix
		Inverse of a matrix
		Finding area of a triangle
		Solutions of system of linear equa than 3 variables
	Trigonometry	Trigonometric functions

Section	Unit	Topic
		Addition and subtraction formula
		Formulae involving multiple and angles
		General solution of trigonometric
		Properties of triangles
		Inverse trigonometric functions a properties
	Coordinate geometry	Distance formula
		Section formula
		Area of a triangle
		Condition of collinearity of three
		Polar coordinates
		Transformation from Cartesian to coordinates and vice versa
		Parallel transformation of axes
		Concept of locus
		Elementary locus problems
		Slope of a line

Section	Unit	Topic
		Equation of lines in different forn
		Angle between two lines
		Condition of perpendicularity and two lines
		Distance of a point from a line
		Distance between two parallel lin
		Lines through the point of interse
		Equation of a circle with a given
		Condition that a general equation in x, y may represent a circle
		Equation of a circle in terms of en diameter
		Equation of tangent, normal and
		Parametric equation of a circle
		Intersection of a line with a circle
		Equation of common chord of tw circles
	Dimensional co-ordinate geometry	Three dimensions: Direction cosi ratios, equation of a straight line i

Section	Unit	Topic
		equation of a plane, distance of a plane
		Distance between two points and
		Equation of a straight line
		Equation of a plane
		Distance of a point from a plane
	Theory of calculus	Functions of calculus
		Composition of two functions and function
		Limit
		Continuity
		Derivative
		Chain rule
		Derivative of implicit functions a defined parametrically
		Integration as a reverse process o
		Indefinite integral of standard fun
		Integration by parts

Section	Unit	Topic
		Integration by substitution and pa
		Definite integral as a limit of a su subdivisions
		Fundamental Theorem of Integral applications
		Properties of definite integrals
		Formation of ordinary differentia
		Solution of homogeneous differe
		Separation of variables method
		Linear first order differential equa
	Application of calculus	Tangents and normals
		Conditions of tangency
		Determination of monotonicity
		Maxima and minima
		Differential coefficient as a meas
		Motion in a straight line with con acceleration
		Geometric interpretation of defini area

Section	Unit	Topic
		Calculation of area bounded by e and straight lines
		Area of the region included betwe elementary curves
	Permutation and combination	Permutation of n different things $r \leq n$
		Permutation of n things not all di
		Permutation with repetitions (circ excluded)
		Combinations of n different thing time $r \leq n$
		Combination of n things not all d
		Basic properties
		Problems involving both permuta combinations
	Statistics and probability	Measure of dispersion
		Mean
		Variance and standard deviation
		Frequency distribution
		Addition and multiplication rules

Section	Unit	Topic
		Conditional probability and Baye
		Independence of events
		Repeated independent trails and b distribution
General aptitude	Objects	
	Texture related to architecture and built environment	
	Interpretation of pictorial compositions	
	Visualizing three-dimensional objects from two-dimensional drawing	
	Visualizing different sides of 3d objects	
	Analytical reasoning	
	Mental ability (visual, numerical and verbal)	
	General awareness of national/international architects and famous architectural creations	
	Mathematical reasoning	Statements
		Logical operations like and, or, if implies, implied by
		Understanding of tautology
		Converse

Section	Unit	Topic
	Sets and relations	Contradiction and contrapositive Idea of sets Subsets Power set Complement Union Intersection and difference of sets Venn diagram De Morgan's laws Relation and its properties Equivalence relation of definition examples
Drawing test	Understanding of scale and proportion of objects, geometric composition, shape, building forms and elements, aesthetics, colour texture, harmony and contrast Conceptualization and visualization through structuring objects in memory Drawing of patterns of both geometrical and abstract Form transformations in 2D and 3D like union	

Section	Unit	Topic
	Form transformations in 2D and 3D like subtraction	
	Form transformations in 2D and 3D like rotation	
	Form transformations in 2D and 3D like surfaces and volumes	
	Generating plan	
	Elevation and 3D views of objects	
	Creating 2D and 3D compositions using given shape and forms	
	Perspective drawing	
	Sketching of urbanscape and landscape	
	Common day-to-day life objects like furniture, equipment etc., from memory	