

## NATA Crash Course 2020-21 : Program Details

ARH Design Academy is conducting a short term course for NATA and JEE Paper-2 2020, also popularly known as **NATA Crash Course**. It is one of our most intensive and result oriented short term courses that we offer to 12th std appeared students who wish to pursue Architecture as a career option. This course is run on both our centres in Pune.

### Course Highlights

- 1) Full Study Material (Printed and/or Digital format)
- 2) Covering all aspects of the tests i.e., Mathematics, Architecture and Drawing by experienced faculties. *Also revision sessions for Physics and Chemistry will be provided.*
- 3) Test series (Full Tests : Total 16; Topic-wise Mock Tests : 20; Previous years papers (10 JEE + 10 NATA))
- 4) Online Test series to stimulate the real time exam experience.
- 4) Outdoor Sessions, Live sketching, Site visits, Guest lectures.
- 5) Workbooks for Drawing and Aptitude.
- 6) Admission and college counselling support after the exam.

### Batch Schedule

#### 1) NATA Bootcamp : 4th to 7th March

4-day Bootcamp from 4th March to 7th March. This Bootcamp is intended to familiarise students with ARH's teaching methodology and introduce them to various drawing & aptitude topics. Timings and Schedule will be conveyed to students 7 days prior to the bootcamp.

#### 2) Seminar and PTM : 8th March

The seminar aims to introduce students as well as parents to current examination patterns and study techniques that will enable students to confidently attempt their upcoming entrance examinations. All student attendees will receive ARH's freemium study material at no hidden costs or qualifying conditions.

#### 3) NATA Crash Course : 9th March Onwards

Start of a new batch of the crash course classroom programme. Details are as follows

## Classroom Program

### • Term I

9th March 2020 to 18th April 2020 (40 Days)

Frequency : All Days

Kothrud Centre		
Lecture 1	Memory Drawing	10AM to 11:30AM
Lecture 2	Architecture Aptitude + Drawing (2D + 3D)	11:30AM to 1:45PM
Lecture 3	Mathematics	2PM to 3:15PM

Sinhagad Road Centre		
Lecture 1	Mathematics	2:30PM to 3:45PM
Lecture 2	Memory Drawing	4PM to 5:30PM
Lecture 3	Architecture Aptitude + Drawing (2D + 3D)	5:45PM to 8PM

### Note

1) The given schedule is subject to interchange between lectures but the timings will be kept same. Any change in schedule will be discussed with students' beforehand.

2) The above schedule is for weekdays i.e., Monday-Friday. Saturdays are kept reserved for Physics and Chemistry lectures and/or doubt clearing/revision sessions. Timings of these lectures will be notified to students.

4) Sundays are kept open exclusively for revision sessions and/or outdoor activities, guest lectures etc.

3) Mathematics lectures will start from 16th of March 2020. Architecture Aptitude and Memory Drawing lectures will be extended till 16th March 2020 accordingly.

4) Extra sessions for students who have joined late due to whatsoever reasons will be kept apart from these timings and will be decided as suitable time for both students and faculties.

### Term II

27th April 2020 to 30th May 2020 (25 Days)

Frequency : 5 Days a week

Timings for Term II		
Kothrud Centre	11AM to 2PM	10AM to 11:30AM
Sinhagad Road Centre	5PM to 8PM	11:30AM to 1:45PM

### Note

1) Term II will include Drawing and Architecture Aptitude Part. Mathematics, Physics and Chemistry lectures will not be provided for Term II, notes for the same will be provided to students who have joined for Term II.

## Fee Structure

- 1) Fee structure for NATA Crash Course is **20,000 INR** for both Indian and Foreign Nationals (inclusive of all taxes)
- 2) Fees is non-negotiable and non-transferable. Fees once paid will not be returned and/or reimbursed under any situation.
- 3) Fees can be paid in two formats.
  - a) **One Time Payment**  
Full amount at once at time of admission.
  - b) **Instalments**
    - One Instalment of 10,000INR at time of admission.
    - 2nd Instalment of 10000INR within 10 days of admission by Post Dated Cheque.

### 3) Mode of Payment

Fees can be paid by Cash, Cheque and/or Online Transfer/NEFT/RTGS.

## Drawing Kit

Students are required to bring the following material in the class everyday.

- 1) A3 size Board/Exam Pad
- 2) A4 size photocopy papers, Super White Papers A4 - 50
- 3) Pencil Set (HB,2B,4B,6B,8B), Mechanical Pencil 0.5mm, Eraser, sharpener, cutter.
- 4) Metallic scale-300mm, Plastic Scale - 300mm, Roller scale-150mm,
- 5) Black sketch pen, Macron Pens-0.5mm, 0.2mm, Chisel Marker,
- 6) Colour Pencils (24 shades minimum) Fabre Castle or Steadlers
- 7) Any Architectural Magazine (A+D, Inside Outside or any magazine of your choice)
- 8) Students are advised to arrange a laptop/PC with internet connection for online test series as well.

## Attendance and Assignments

- a) Students must maintain a regular attendance to the class and should do assignments regularly. Irregular students will be discontinued if behaviour persists.
- b) Leaves should be conveyed and confirmed beforehand. Leave of more than 3 days should be avoided. Although if any, shall be confirmed by parents.
- c) Parents are required to attend Parent-Teacher meetings as scheduled and conveyed beforehand.

## Contact Details

### ARH Design Academy

[www.arhacademy.com](http://www.arhacademy.com)

For NATA Crash Course Details : <http://nata-crashcourse.arhacademy.com/>

Phone : +91 72 76 38 2700

Email : [hello@arhacademy.com](mailto:hello@arhacademy.com)

### Kothrud Centre

ARH Design Academy  
Office No. 8, 2nd Floor, Suvan Apts.  
Above HDFC Bank, App Jog School,  
Mayur Colony, Kothrud, Pune -38

### Sinhagad Road Centre

ARH Design Academy  
% Nilawar Classes  
2nd Floor, 'Bhagwadgeeta', App Indian Oil Petrol Pump,  
Manikbaug, Sinhagad Road, Pune

# Course Curriculum

'NATA Crash Course' is designed as per combined syllabus of NATA and JEE Paper 2.

The course covers the following topics

## 1) Drawing section

### 1.1) 2D Composition

#### Basic Concepts :

Elements of Design, Principles of Design, Colour theory and its applications

#### Execution

Total of 150+ 2D Composition (Workbook + Homework assignments) including basic 2D Composition, Advanced 2D Composition, Poster Design, Logo Design, Murals, Architecture inspired designs

### 1.2) 3D Composition

#### Basic Concepts

Basic 3D Sketching, Isometric Drawings, Scale and Proportion, Rendering and Sciography techniques

#### Execution

Total of 100+ Drawings (Workbook + Homework assignments) including basic objects such as cube, cuboid, pyramid, cone, cylinder, sphere, prism etc. Advanced 3D Composition using day to day life objects, rendering in colour

### 1.3) Memory Drawing

#### Basic Concepts

Perspective (1 Point, 2 Point, 3Point, Fish eye perspective), Human Figures (Proportions, Postures, Face and emotions, costumes etc), Urbanscapes, Landscapes, Animals, Vehicles etc.

#### Execution

80+ Live sketches in classroom/outdoor sessions, 100+total sketches (Workbook + Home assignments), Topics previously appeared in NATA and JEE Paper 2, plus ARH's question bank.

## 2) Aptitude Section (Theory Notes)

### 2.1) Architecture Aptitude : General

Famous Buildings India, Famous Buildings World, Famous Places India, Famous Places World, Indian Architects, International Architects, Famous Monuments, Architectural History of India, Geography of India and World (Rivers, Lakes, Forts, Dams, Temples etc)

### 2.2) Architecture Aptitude : Technical

Building Construction Process, Building Elements, Building Material, Architectural Terms, Arches, Stairs, Classical Architecture, Green Architecture, Allied sciences (Sciography, Climatology, Acoustics), General information on new technologies in Architecture

### **3) Mental Ability (Daily Solving : 1500+ questions in total)**

#### **3.1) Non Verbal Reasoning**

Mirror Image, Water Image, Analytical Ability, Sequence and Series, Paper cutting and Folding, Pattern Completion, Shape Construction, Cubes and Dices, Embedded Images

#### **3.2) Logical reasoning**

Number series, Letter and Symbol series, Artificial Language, Logical and Verbal problems, Logical Games, Statement and Assumption, Statement and Argument, Statement and conclusion, Syllogism, Clock, Calendars, Cubes and Dices, Seating arrangements, Direction sense, Venn Diagrams, Blood relation test

#### **3.3) Arithmetic Aptitude**

Area, Surface area and volume, Average, Problem on ages, Permutation and combination, Probability,

### **4) Spatial Ability**

3D to Plan, 3D to Elevation/Side elevation, Plan to Elevation, Number of faces, Folding-Unfolding

### **5) Mathematics**

Syllabus as mentioned in NATA 2020 brochure.

Total 30 lectures of 1 hour duration.

1000+ practice question set.

### **6) Physics and Chemistry**

Revision lectures scheduled on Saturdays and Sundays. Course designed as per NATA 2020 syllabus.

### **Tests**

#### **1) Topic wise Tests : Total 20**

Short tests of 5-10 minutes

Frequency : every day

Discussion in Class

#### **2) Mock Tests**

Daily Solving Tests : Architecture Aptitude and Mental Ability

Frequency : Classroom Solving

Discussion in Class

#### **3) Previous year Papers**

JEE Paper 2 : Previous 10 years papers discussion in Class

NATA : Previous 10 years papers discussion in class

#### **4) Full Tests**

JEE Paper 2 : Online Tests

NATA : Online Tests

# Frequently Asked Questions (FAQs)

## Section 1 (Exam Related)

### Q 1. Who can Apply for NATA?

A : All candidates who have passed 10+2 scheme of examination with 50% marks in Physics, Chemistry & Mathematics (individually) and also 50% marks in aggregate at 10+2 level examination and are desirous to apply for 1st year of 5-year B.Arch. degree course may appear for NATA 2020. Those appearing the 10+2 exam with PCM subjects in the current year may also provisionally appear in the exam, however, their result in NATA-2020 will be declared valid subject to fulfilling the above criteria. Please refer detailed eligibility criteria in NATA 2020 Brochure.

### Q 2. I have done 10+3 Diploma after 10th. Can I Apply for NATA?

Yes. Students who have passed 10+3 Diploma Examination with Mathematics as compulsory subject with at least 50% marks in aggregate can apply for NATA.

### Q 3. What are the dates for NATA and JEE Paper 2?

NATA First Attempt : 19th April 2020

NATA second attempt : 31st May 2020

### Q 4. Do I have to apply for both NATA and JEE Paper 2?

A : It is not mandatory to apply for both NATA and JEE Paper 2, but it is highly advised to appear for both exams since best normalised score is used for Admission process for B.Arch.

### Q 5. I have appeared for NATA previously. Will that score be used this year?

No. Validity of NATA score is only for current academic year. For admission in next academic year, you have to appear for NATA in 2020.

### Q 6. I have missed the registration date for NATA Registration. What can I do now?

A : You can either apply for 2nd round of NATA. Also JEE Paper 2 score can also be used for admission.

### Q 7. Where can I find the official notifications such as exam schedule, last date of registrations, Paper pattern etc.

A : You will be notified about the exam details through our communication channel (SMS and WhatsApp).

1) Official NATA Website : [www.nata.in](http://www.nata.in)

2) Official Council of Architecture Website : [www.coa.gov.in](http://www.coa.gov.in)

(For qualification, schedule and press release etc)

3) JEE Paper 2 Official Site : [jeemain.nta.nic.in](http://jeemain.nta.nic.in)

## Section 2 (NATA Crash Course Related)

### **Q 1. Can you share more details about the NATA Bootcamp?**

A : NATA Bootcamp is a free, open to all 4 day session where we introduce various sections, topics and concepts of NATA and JEE Paper 2 at the start of the course. It is a transitional program helping students in understanding teaching methodology at ARH before Crash Course. It can also be seen as a Demo Class. Bootcamp is free for all without any qualifying conditions.

### **Q 2. My board exams are getting over after the Crash course starts. What can I do in this case?**

A : We are aware of the situation. Your Major papers will be over by 3rd-5th March, and Maybe IT/ Geography/CS etc will be scheduled after a gap, around 15-18th. We would recommend attending the bootcamp and as many lectures as possible. Take a day off before one day of the exam and on the day of exam.

### **Q 3. I can come after my board exams only OR What about the lectures which I will miss because of my Boards/Any other reason?**

A : We have already scheduled extra lectures each week to cover up any lecture that you might miss due to late join/Board reasons. Your missed portion will be covered in those lectures. Extra lectures will be arranged if required for late joined students if required.

### **Q 4. I want to apply for both NATA sessions. Will the course be extended till the second session as well.**

A : Yes. NATA Crash course program includes preparation for both the sessions.

### **Q 5. Will the stationary kit required for the course will be covered under the fees?**

No. Stationary Material is a matter of individual choice and will not be covered under the fees. However, we will provide a stationary shop contact details where you can buy the list in one go.

### **Q 6. I am not sure about joining the class. Can I get a demo class?**

You can attend NATA Bootcamp as demo class. You can further attend 3 days demo class, but after that you have to finalise the admission.

### **Q 7. I want to discontinue the class after few sessions due to whatsoever reasons. What is the procedure for the same? Do I get a refund?**

A : You are advised to attend a 3 day demo class before finalising the admission to make an educated decision. Once the admission is finalised, the decision to discontinue the class is your decision against your previous decision. No refund of fees is made in such cases.

### **Q 9. Will I be notified about the exam dates?**

A :Yes, students and parents will be notified about the important dates for both the exams. However, filling up the form is sole responsibility of the students and parents alike. ARH will not be responsible for missed dates/loss of opportunities in any case.

### **Q 10. Do you provide hostel/mess facility?**

A : We do not have authorised Hostel/Mess facility. However, we will provide contact details of few hostels nearby our centres. You can choose according to your preferences.

### **Q 11. Is there any difference in faculties, fees structure, schedule of modules in each centre? Which centre would you recommend for better results?**

A : Both the centres have the same faculties, fees and schedule of modules. The only difference is the geographical location and timings. You can choose any centre according to your preference.

**Q 12. I missed my centre's lecture due to whatsoever reasons. Can I attend the class on the same day on the other centre.**

A : Yes. There is no restriction about where you can attend lectures.

**Q 13. How many students are taken per batch? How many batches are run per centre?**

To maintain personal attention, we have an upper limit of 30 students per batch, which can be extended to 35 students per batch in special cases. At no point we admit more than 35 students per batch. There is only one batch per centre.