# **Course Structure**

## **IIT JEE** : Main

#### **Details of Examination**

Subject combinations for each paper, type of questions in each paper is given in the table below:

| PAPER    | SUBJECTS                               | TYPE OF QUESTIONS   |  |  |
|----------|--|---|--|--|
|          |  | Objective Type - Multiple Choice Questions (MCQs) & Questions for which answer is a numerical value, with equal weightage to Mathematics, Physics & Chemistry |  |  |
|          | Mathematics - Part I                   | Objective Type - Multiple Choice Questions (MCQs) & Questions for which answer is a numerical value   |  |  |
| B. Arch. | Aptitude Test - Part II                | Objective Type - Multiple Choice Questions (MCQs)   |  |  |
|          | Drawing Test - Part III                | Questions to test drawing aptitude  |  |  |
|          | Mathematics - Part I                   | Objective Type - Multiple Choice Questions (MCQs) & Questions for which answer is a numerical value   |  |  |
| B.Plan.  | Aptitude Test - Part II                | Objective Type - Multiple Choice Questions (MCQs)   |  |  |
|          | Planning Based<br>Questions - Part III | Objective Type - Multiple Choice Questions (MCQs)   |  |  |

#### **Examination pattern**

B.E./B. Tech. "Computer Based Test (CBT)" mode only to be attempted on Computer.

|   | Subject               | No of Questions     | Marks |  |  |
|---|-----------------------|---------------------|-------|--|--|
| Subject wise distribution of  | Mathematics           | ( 20 + 5* )         | 100   |  |  |
| Questions, Total Number of  | Physics               | (20 + 5*)           | 100   |  |  |
| Questions and Marks   | Chemistry             | (20 + 5*)           | 100   |  |  |
|   | Total 75              |                     | 300   |  |  |
| *20 questions will be MCQs and 5 questions out of 10 will have answer to be filled in as numerical value. |                       |                     |       |  |  |
|   | Correct Answer or the | Four Marks (+4)     |       |  |  |
| Marking Scheme for MCQs   | Incorrect Answer      | Minus one Mark (-1) |       |  |  |
|   | Unanswered / Marked   | No Mark (0)         |       |  |  |
| Marking Scheme for  | Correct Answer        | Four Mark (+4)      |       |  |  |
| questions for which answer is   | Incorrect Answer      | Minus one Mark (-1) |       |  |  |
| a Numerical value   | Unanswered / Marked   | No Mark (0)         |       |  |  |

| 8 <sup>th</sup> , 9 <sup>th</sup> , 10 <sup>th</sup> | Foundation | 11 <sup>th</sup> |
|--|------------|------------------|
| SSC & CBSE   | Courses    | Sc               |

## **Course Structure**

### **IIT JEE: Advanced**

JEE Advanced is the exam for admissions to the Bachelor's, Integrated Master's and Dual Degree programs (entry at the 10+2 level) in all the 23 IITs of the country.

Students who qualify JEE Main and is in top 2,50,000 candidates in order of merit becomes eligible for appearing in JEE Advanced.

The exam is conducted by the seven Zonal Coordinating IITs namely IIT Kharagpur, IIT Kanpur, IIT Madras, IIT Delhi, IIT Bombay, IIT Guwahati and IIT Roorkee under the aegis of the Joint Admission Board (JAB).

The exam has two mandatory papers, Paper 1 and Paper 2 formulated from syllabus released by the JEE Advanced authorities. Admissions are through counselling conducted by the Joint Seat Allocation Authority also known as JoSAA.

| Parameters                                   | Particulars  |  |  |
|--|--|--|--|
| Conducted By                                 | IITs – IIT Bombay, IIT Delhi, IIT Guwahati, IIT Kanpur, IIT<br>Kharagpur, IIT Madras and IIT Roorkee |  |  |
| Exam Mode                                    | Computer-based test  |  |  |
| Exam Date                                    | Every year 3rd week of May   |  |  |
| Exam Duration                                | 6 Hours (Paper 1 : 3 Hours & Paper 2 : 3 Hours)  |  |  |
| Subjects Physics, Chemistry, and Mathematics |  |  |  |
| Total no of Questions                        | Variable   |  |  |
| Type of Questions                            | Variable   |  |  |
| Maximum Marks                                | Variable   |  |  |
| Medium of paper                              | English or Hindi   |  |  |

- \*Dedicated Weekly Lectures for JEE
- \* Regular Revision Sessions
- \*JEE Crash Course

(Marathon Batch - 30-35 days before JEE Exam)

- \*Practice of all Archives
- \*Tests Chapterwise / Cummulative / Full Syllabus / Mock Tests

#### Study Material:

- 1] JEE Physics Modules
- 2] JEE Chemistry Modules
- 3] JEE Mathematics Modules
- 4] JEE Archives (PCM)

8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> SSC & CBSE

Foundation Courses

11<sup>th</sup> & 12<sup>th</sup> Science

MHT-CET
JEE & NEET

# IIT Colleges & Seats

| Sr.No. | Institute Name      | State            | Year | Seats |
|--------|---------------------|------------------|------|-------|
| 1      | IIT, Bhubaneswar    | Odisha           | 2008 | 475   |
| 2      | IIT, Bombay         | Maharashtra      | 1958 | 1360  |
| 3      | IIT, Mandi          | Himachal Pradesh | 2009 | 329   |
| 4      | IIT, Delhi          | Delhi            | 1961 | 1209  |
| 5      | IIT, Indore         | Madhya Pradesh   | 2009 | 360   |
| 6      | IIT, Kharagpur      | West Bengal      | 1951 | 1869  |
| 7      | IIT, Hyderabad      | Telangana        | 2008 | 470   |
| 8      | IIT, Jodhpur        | Rajasthan        | 2008 | 490   |
| 9      | IIT, Kanpur         | Uttar Pradesh    | 1959 | 1210  |
| 10     | IIT, Madras         | Tamil Nadu       | 1959 | 1133  |
| 11     | IIT, Gandhinagar    | Gujarat          | 2008 | 250   |
| 12     | IIT, Patna          | Bihar            | 2008 | 547   |
| 13     | IIT, Roorkee        | Uttarakhand      | 2001 | 1353  |
| 14     | IIT, (ISM) Dhanbad  | Jharkhand        | 2016 | 1125  |
| 15     | IIT, Ropar          | Punjab           | 2008 | 370   |
| 16     | IIT, (BHU) Varanasi | Uttar Pradesh    | 2012 | 1589  |
| 17     | IIT, Guwahati       | Assam            | 1994 | 922   |
| 18     | IIT, Bhilai         | Chhattisgarh     | 2016 | 183   |
| 19     | IIT, Goa            | Goa              | 2016 | 157   |
| 20     | IIT, Palakkad       | Kerala           | 2015 | 169   |
| 21     | IIT, Tirupati       | Andhra Pradesh   | 2015 | 237   |
| 22     | IIT, Jammu          | Jammu & Kashmir  | 2016 | 240   |
| 23     | IIT, Dharwad        | Karnataka        | 2016 | 185   |
|        | 16232               |                  |      |       |



# **IIIT Colleges & Seats**

| Sr.No. | Institute Name        | State            | Year | Seats |
|--------|-----------------------|------------------|------|-------|
| 1      | IIIT, Gwalior         | Madhya Pradesh   | 1997 | 262   |
| 2      | IIIT, Allahabad       | Uttar Pradesh    | 1999 | 439   |
| 3      | IIIT, Jabalpur        | Madhya Pradesh   | 2005 | 502   |
| 4      | IIIT, Kancheepuram    | Tamil Nadu       | 2007 | 360   |
| 5      | IIIT, Sri City        | Andhra Pradesh   | 2013 | 338   |
| 6      | IIIT, Guwahati        | Assam            | 2013 | 254   |
| 7      | IIIT, Vadodara        | Gujarat          | 2013 | 240   |
| 8      | IIIT, Kota            | Rajasthan        | 2013 | 214   |
| 9      | IIIT, Tiruchirappalli | Tamil Nadu       | 2013 | 85    |
| 10     | IIIT, Una             | Himachal Pradesh | 2014 | 176   |
| 11     | IIIT, Sonepat         | Haryana          | 2014 | 180   |
| 12     | IIIT, Kalyani         | West Bengal      | 2014 | 178   |
| 13     | IIIT, Lucknow         | Uttar Pradesh    | 2015 | 240   |
| 14     | IIIT, Dharwad         | Karnataka        | 2015 | 300   |
| 15     | IIIT, Kurnool         | Andhra Pradesh   | 2015 | 240   |
| 16     | IIIT, Kottayam        | Kerala           | 2015 | 300   |
| 17     | IIIT, Manipur         | Manipur          | 2015 | 110   |
| 18     | IIIT, Nagpur          | Maharashtra      | 2016 | 373   |
| 19     | IIIT, Pune            | Maharashtra      | 2016 | 225   |
| 20     | IIIT, Ranchi          | Jharkhand        | 2016 | 270   |
| 21     | IIIT, Surat           | Gujarat          | 2017 | 150   |
| 22     | IIIT, Bhopal          | Madhya Pradesh   |      | 225   |
| 23     | IIIT, Bhagalpur Bihar |                  | 2017 | 289   |
| 24     | IIIT, Raichur         | Karnataka        | 2018 | 50    |
| 25     | IIIT, Agartala        | Tripura          | 2018 | 38    |
| Total  |                       |                  |      |       |



# **Our Toppers 2021**



### **JEE-MAIN & NEET**

**(FEB-MARCH 2021)** 



**Maitreyee Birajdar** 



**Manas Zanwar** 



Viraj Pundlik



**Shrey Bhanuse** 



Anshu Kumari



Yash Moholkar



Sanskruti Sharma



**Manish Jadhav** 



Swaraj Dhayarkar



Swarali Ghodke



Samruddhi Dhumal **JEE: 96.49 NEET: 9918** 



Apurva Gosavi **JEE: 92.97 NEET: 98.04** 



**Tejal Bari JEE: 91.22 NEET: 96.27** 



Supriya Dharmadhikari **JEE: 90.23 NEET: 96.27** 

8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> SSC & CBSE

**Foundation** Courses

11<sup>th</sup> & 12<sup>th</sup> Science

MHT-CET **JEE & NEET** 

# **Study Material**

| 1.  | 11 <sup>th</sup><br>Classnotes |  | 2.  | 12 <sup>th</sup><br>Classnotes | Remedia 7 September 1 Septembe |
|-----|--------------------------------|--|-----|--------------------------------|--|
| 3.  | Handwritten<br>Notes           | MATERIAL ACTOR AND   | 4.  | CET<br>Archives                | Mathematics   |
| 5.  | JEE<br>Modules<br>(Physics)    |  | 6.  | NEET<br>Modules<br>(Physics)   |  |
| 7.  | JEE<br>Modules<br>(Chemistry)  | CORNETTY COR | 8.  | NEET<br>Modules<br>(Chemistry) | CONSTRUCTION OF THE PARTY OF TH |
| 9.  | JEE<br>Modules<br>(Maths)      | MATHEMATICS (S) MATHEMATICS (S | 10. | NEET<br>Modules<br>(Biology)   | BOLGOY 13 BOLGOY 13 BOLGOY 13 BOLGOY 13 BOLGOY 14 BOLGOY 15 BOLGOY |
| 11. | JEE<br>Archives                | JEE - Main  COMMITTEE  | 12. | NEET<br>Archives               | NEET NEET OUR TRANSPORT OF THE PROPERTY OF THE |
| 13. | NEET<br>Workbooks              | TOTAL  | 14. | Workbooks                      | BIOLOGY TO THE THE PROPERTY OF |

8<sup>th</sup>, 9<sup>th</sup>, 10<sup>th</sup> SSC & CBSE Foundation Courses

11<sup>th</sup> & 12<sup>th</sup> Science MHT-CET
JEE & NEET