

# JEE (Advanced) -2018

## Executive Summary

- 1. URL for JEE (Advanced) 2018:** The URL for JEE (Advanced) 2018 was <https://www.jeeadv.ac.in/>
- 2. Number of Candidates:** In view of the increase in the number of seats at IITs, the category wise top 2,24,000 candidates were to be shortlisted from JEE (Main) 2018. But, due to bunching of marks, a total of 2,31,024 candidates from JEE (Mains) were declared eligible for JEE (Advanced) 2018.
- 3. Supernumerary Seats for Female Candidates:** A total of 800 supernumerary seats were created for female candidates. In all, the number of admitted female candidates to different IITs was around 15.34% in 2018 as against the initial target of 14%.
- 4. Persons with Disability (PwD):** To comply with the provisions of the Persons of Disabilities Act, 5% seats in each of OPEN, OBC-NCL, SC and ST category were reserved for PwD candidates.
- 5. Seats for PIO/OCI Candidates:** The seats allotted to PIO/OCI card holders was under OPEN category, but not supernumerary.
- 6. Seats for DS Candidates:** Two seats were available for preferential allotment in each institute for DS candidates. To avail this preferential allotment, a DS candidate must be in Common Rank List (CRL) of JEE (Advanced) 2018.
- 7. Supernumerary Seats for Foreign Nationals:** Supernumerary seats were offered to foreign nationals and DS candidates subject to a maximum of 10% of the total seats in each program.
- 8. Date of JEE (Advanced) 2018:** JEE (Advanced) 2018 was held on May 20, 2018 in two sessions.
- 9. Number of Registered and Qualified Candidates:** Out of the total 2,31,024 eligible candidates from JEE (Main) 2018, only 1,65,656 candidates registered for JEE (Advanced) 2018 examination. Out of the registered candidates, the number of qualified students was 31,988.
- 10. Cities and Centres of JEE (Advanced) 2018:** JEE (Advanced) 2018 was held in 573 centres across 155 cities in India and in 5 foreign countries, namely, Singapore, UAE (Dubai), Bangladesh (Dhaka), Nepal (Kathmandu) and Ethiopia (Addis Ababa). In Sri Lanka (Colombo), the examination could not be conducted as no registered candidate opted for that centre.
- 11. Computer Based Test (CBT):** For the first time, the entire JEE (Advanced) 2018 was conducted on a Computer Based Test (CBT) mode. Each candidate had a choice to opt for question papers in both English and Hindi languages. Candidates had the option to choose (and also switch/toggle between) his/her preferred language (English or Hindi) during the entire period of the examination. Candidates also had the option to change/modify answers already entered anytime during the entire duration of the examination. To help the candidates in understanding and getting used to the CBT, JEE (Advanced) 2018 created 6

Mock Tests and 4 Help Videos. These mock tests and help videos were available 24x7 to all the prospective candidates, with no restriction on the number of attempts. A directive from MHRD helped the students to approach any Kendriya Vidyalaya (KV) and/or any Jawahar Navodaya Vidyalaya (JNV) in their vicinity and avail their computer facility for practicing on any of the Mock tests to become familiar with the CBT environment for JEE (Advanced) 2018.

12. **Partial Marking:** One third of the questions in both the papers of JEE (Advanced) 2018 had partial marking.
13. **Numerical Answer Type Question:** For the first time in JEE (Advanced), “Numerical Answer Type” questions were introduced. In each subject, 16 out of a total of 36 questions were of numerical answer type. The marking scheme for such questions was 3 marks for correct numerical value and 0 for all other cases.
14. **Error Free Question Paper:** JEE (Advanced) 2018 question papers did not have any error or ambiguity and hence no question was dropped.
15. **Biometric Registration and Verification:** Biometric data (digital photograph and finger impression) of all candidates was recorded before the commencement of Paper -I (Forenoon Session) and Paper-II (Afternoon Session). The candidates were also verified against their captured biometric data when they reported at the reporting centres at the time of seat allotment and finally at the time of admission at their respective admitting institute. The entire biometric registration/data capture/verification was completed for all the candidates without any flaw.
16. **Qualifying Criteria:** Based on the declared qualifying criteria, as given in the Information Brochure of JEE (Advanced) 2018 (10% in each subject and 35% aggregate and appropriate relaxation for reserved categories), a total of 18,138 candidates were declared qualified in JEE (Advanced) 2018 on June 10, 2018. Ministry of Human Resource Development, Government of India, in an order (number F. No. 28-8/2017-T.S.-I dated June 13, 2018) expressed the desire of the Ministry for increasing the number of qualified candidates so as to ensure that every category has at least twice the number of qualified candidates as against the number of available seats in each category. The issue was discussed in the Fifth emergency meeting of Joint Admission Board held on June 14, 2018 at IIT Kanpur through video conferencing. It was decided that an extended merit list of JEE (Advanced) 2018 qualified candidates be released by lowering the aggregate cut-off marks of the candidates. It was clarified that this extended merit list should not affect the list of previously declared qualified candidates but the new list will be in addition to the earlier merit list. Hence, an Extended Merit List was announced on June 14, 2018. This list was prepared so that the qualifying marks in each subject remained unchanged but the aggregate marks criteria was lowered to 25% for CRL, 22.5% for OBC-NCL, 12.5% for SC/ST/PwD and 6.25% for Preparatory candidates. The extended merit list ensured that the number of qualified candidates in each category was at least two times the number of available seats in each category.

17. **All India Rank 1:** The topper of JEE (Advanced) 2018 scored a total of 337 out of 360 marks. He scored 117 marks in Physics, 114 marks in Chemistry and 106 marks in Mathematics (each of the subjects had 120 as the maximum marks).
18. **Female Candidates:** A total of 33,811 female candidates registered for JEE (Advanced) 2018. Among which 4,179 candidates qualified the examination. The top female candidate scored a total of 318 (117 in Physics, 109 in Chemistry and 92 in Mathematics) marks and had All India Rank 6. Out of a total of 1780 female students selected for regular courses (courses other than Preparatory) only 8 female candidates got seats through gender neutral pool of seats.
19. **AAT 2018:** As announced in the Information Brochure, Architecture Aptitude Test (AAT) 2018 was held on June 14, 2018. For the candidates who qualified in the extended merit list of JEE (Advanced) 2018, AAT 2018 was again conducted on June 17, 2018. In all, 1688 candidates registered for AAT 2018. Out of this, a total of 627 candidates appeared for the test and 620 candidates were declared qualified.
20. **JoSAA 2018:** The seat allotment was conducted under Joint Seat Allocation Authority (JoSAA) 2018.
21. **Seven Rounds of Seat Allotments:** JoSAA 2018 conducted 7 rounds of seat allotment for all the 100 institutes under JoSAA.
22. **Withdrawal Option:** Withdrawal option was given to the candidates up to the document verification period of the sixth round of seat allotment.
23. **Reporting Centres of IITs:** A total of 17 IITs were reporting centres for document verification and seat acceptance procedure of the allotted candidates taking admission in IITs.
24. **Number of Candidates Registered for JoSAA:** The total number of candidates registered for JoSAA 2018 was 1,52,245. The total number of choices filled by the registered candidates was 1,38,06,337. Among these candidates, 26,414 candidates were qualified in JEE (Advanced) 2018 and the number of choices filled by these candidates was 18,33,518.
25. **Changes and Improvements in JoSAA Software:** The necessary changes to the JoSAA software were made, incorporating the new algorithm for seat allotment for implementing the IIT Council's decision of ensuring 14% female admissions.
26. **Seat Allotment Statistics:** The total seat capacity in IITs in 2018 was 11279. In addition to this, 800 supernumerary seats for female candidates only were also on offer. In the seventh-round allotment, a total of 12069 seats were allotted to the candidates. Some of the candidates who were allotted seat in the seventh round did not eventually accept their allotted seats. At the end of seventh round, a total of 11961 candidates accepted their allotted seat by paying the seat acceptance fee.
27. **Seat Allotment for OCI/PIO and Foreign Nationals:** At the end of final round of seat allotment, 28 OCI candidates, 01 PIO candidate and 02 foreign nationals were allotted seats in IITs.

28. **Preparatory Course:** A total of 203 preparatory candidates were allotted seats across all IITs.
29. **Institutes using JEE (Advanced) Ranks:** In addition to all IITs, the Indian Institutes of Science Education and Research (IISERs), Indian Institute of Petroleum Energy (IIPe), Indian Institute of Space Science and Technology (IIST) and Rajiv Gandhi Institute of Petroleum Technology (RGPT) entered into MoU with JEE (Advanced) 2018 for using JEE (Advanced) 2018 ranks for admission to their UG programs.
30. **Court Cases:** A total of 16 court cases were filed in different High Courts in India in connection with JEE (Advanced) 2018. The court cases filed against JEE (Advanced) 2018 were either dismissed or withdrawn or judgement passed in favour of JEE (Advanced) 2018.

## Summary of Statistics of JEE (Advanced) 2018

Category	Required Candidates	Shortlisted Candidates from JEE Mains 2018	
		Number of Candidates	Cut-offs (Max Marks 360)
OPEN	107464	111275	74
OBC-NCL	57456	65313	45
SC	31920	34425	29
ST	15960	17256	24
PwD (all categories)	11200	2755	-35
<b>Total</b>	<b>224000</b>	<b>231024</b>	

## Summary of Number of Candidates of JEE (Advanced) 2018

Category	PwD Status	Registered	Appeared In Both Papers	Qualified (as % of Appeared)		Offered (% of Qualified)	
GEN	No	63438	60443	17597	29.11	5953	33.83
	Yes	996	937	159	16.97	98	61.64
OBC-NCL	No	61537	57549	6900	11.99	3309	47.96
	Yes	768	703	64	9.1	29	45.31
SC	No	26724	24642	5471	22.2	1796	32.83
	Yes	137	123	9	7.32	6	66.67
ST	No	11990	10706	1786	16.68	878	49.16
	Yes	66	55	2	3.64	-	
<b>Total</b>		<b>165656</b>	<b>155158</b>	<b>31988</b>	<b>20.62</b>	<b>12069</b>	<b>37.73</b>
Male		131841	124137	27809	22.4	10217	36.74
Female		33811	31021	4179	13.47	1852	44.32
Transgender		4	0	0	0		
OCI		212	197	90	45.69	28	31.11
PIO		36	35	15	42.86	1	6.67
Foreign		51	36	4	11.11	2	50

# Qualifying Criteria for JEE (Advanced) 2018

## Minimum percentage of Marks for Inclusion in a Rank List

Rank List	Minimum Percentage of Marks in Each Subject	Minimum Percentage of Aggregate Marks
Common rank list (CRL)	10.0	25.0
OBC-NCL rank list	9.0	22.5
SC rank list	5.0	12.5
ST rank list	5.0	12.5
Common-PwD rank list (CRL-PwD)	5.0	12.5
OBC-NCL-PwD rank list	5.0	12.5
SC-PwD rank list	5.0	12.5
ST-PwD rank list	5.0	12.5
Preparatory course (PC) rank lists	2.5	6.25

# Qualifying Criteria for JEE (Advanced) 2018

## Minimum Qualifying Marks for Inclusion in a Rank List

Category	PwD Status	Rank List	Minimum Marks in Each Subject	Minimum Aggregate Marks
Any	No	CRL	12	90
OBC-NCL	No	OBC-NCL rank list	11	81
SC	No	SC rank list	06	45
ST	No	ST rank list	06	45
Any	Yes	CRL-PwD	06	45
OBC-NCL	Yes	OBC-NCL-PwD rank list	06	45
SC	Yes	SC-PwD rank list	06	45
ST	Yes	ST-PwD rank list	06	45
<b>Preparatory</b>				
Any	Yes	PC-CRL-PwD	03	23
OBC-NCL	Yes	PC-OBC-NCL-PwD	03	23
SC	No	PC-SC	03	23
SC	Yes	PC-SC-PwD	03	23
ST	No	PC-ST	03	23
ST	Yes	PC-ST-PwD	03	23

# Results of JEE (Advanced) 2018

## Number of Qualified Candidates in Various Categories

Extent of Relaxation in Qualifying Marks	GEN		OBC-NCL		SC		ST		Total
	No-PwD	PwD	No-PwD	PwD	No-PwD	PwD	No-PwD	PwD	
<b>Non-Preparatory Rank Lists</b>									
CRL	17597	27	5555	7	732	1	243	0	24162
OBC-NCL			1345	1					1346
SC/ST/PwD		58		18	2278	7	674	0	3035
Total (Non-Preparatory)	17597	85	6900	26	3010	8	917	0	28543
<b>Preparatory Rank Lists</b>									
Preparatory		74		38	2461	1	869	2	3445
<b>Total Qualified</b>	<b>17597</b>	<b>159</b>	<b>6900</b>	<b>64</b>	<b>5471</b>	<b>9</b>	<b>1786</b>	<b>2</b>	<b>31988</b>

- Common Rank List (CRL):** Students who have qualified with No relaxation  
Number of such students = 24162
- OBC NCL Rank List:** Students who are in OBC-NCL category and have qualified with either CRL or OBC-NCL Criteria  
Number of such students = 6908
- SC Rank List:** Student who belong to SC category and have qualified with either CRL or SC /ST /PwD criteria  
Number of such students = 3018
- ST Rank List:** Student who belong to ST category and have qualified with either CRL or SC /ST /PwD criteria  
Number of such students = 917
- PwD Rank List (SC /ST /PwD criteria or less): Total = 119;**  
CRL = 85, OBC-NCL=26, SC = 8
- Prep Rank List (Preparatory Criteria): Total = 3445;**  
GEN-PwD = 74, OBC-NCL PwD = 38, SC (Non-PwD) = 2461, SC-PwD = 1,  
ST (Non-PwD) = 869, ST PwD = 2



# Results of JEE (Advanced) 2018

## Rank 1 Qualified Candidates in Different Categories

Category	CRL/Cat Rank	Name	City/Town
OPEN (CRL)	1	Pranav Goyal	Panchkula
OPEN (CRL)	2	Sahil Jain	Kota
OPEN (CRL)	3	Kalash Gupta	New Delhi
OPEN (CRL)-Female	6	Meenal Parakh	Kota
OBC-NCL	4/1	Mavuri Siva Krishna Manohar	Vijayawada
SC	78/1	Aayush Kadam	Kota
ST	141/1	Jatoth Shiva Tarun	Hyderabad
CRL-PwD	870/1	Manan Goyal	Patiala
OBC-NCL-PwD	8722/1	Vijendra Kumar	Jehanabad
SC-PwD	17635/1	Raushan Kumar	Vaishali
ST-PwD	--/1	Rakesh Kumar Meena	Ratlam

# Results of JEE (Advanced) 2018

## Zone wise Toppers and Distribution

Zone	Topper	Number of candidates within the			Total Qualified
		Top 10	Top 100	Top 500	
IIT Bombay	Rishi Agarwal (AIR 8)	1	16	84	5128
IIT Delhi	Sahil Jain (AIR 2)	5	33	152	8516
IIT Guwahati	Prashant Kumar (AIR 150)	0	0	6	1656
IIT Kanpur	Aayush Kadam (AIR 78)	0	1	30	3965
IIT Kharagpur	K V R Hemant Kumar Chodipilli (AIR 7)	1	5	32	3165
IIT Madras	Mavuri Siva Krishna Manohar (AIR 5)	1	31	129	6230
IIT Roorkee	Pranav Goyal (AIR 1)	2	14	67	3328

## Marks of First and Last Ranked Candidates in Each Category

Rank List	Rank	Physics	Chemistry	Mathematics	Total Marks
CRL	1	117	114	106	337
	24162	33	22	35	90
OBC-NCL	1	118	107	94	319
	6908	18	27	36	81
SC	1	104	86	88	278
	3018	17	6	22	45
ST	1	109	88	69	266
	917	27	7	11	45

# Results of JEE (Advanced) 2018

**Aggregate Total  
Marks with  
Different Ranks in  
CRL**

CRL	Marks
1	337
101	272
201	258
301	247
401	240
501	233
601	227
701	223
801	219
901	216
1001	213
1101	210
1201	207
1301	204
1401	202
1501	200
1601	198
1701	196
1801	195
1901	193
2001	191
2101	190
2201	188
2301	187
2401	185
2501	184
2601	182
2701	181
2801	180
2901	179
3001	177
3101	176
3201	175
3301	174
3401	173
3501	172
3601	171
3701	170

3801	169
3901	168
4001	167
4101	166
4201	165
4301	164
4401	164
4501	163
4601	162
4701	161
4801	160
4901	159
5001	158
5101	158
5201	157
5301	156
5402	155
5501	154
5601	154
5701	153
5801	152
5901	152
6001	151
6101	150
6201	150
6301	149
6401	148
6501	148
6601	147
6701	147
6801	146
6901	145
7001	145
7101	144
7201	144
7301	143
7401	143
7501	142
7601	142
7701	141
7801	140
7901	140
8001	139
8101	139

8201	138
8301	138
8401	137
8501	137
8601	136
8701	136
8801	135
8901	135
9001	135
9101	134
9201	134
9301	133
9401	133
9501	132
9601	132
9701	131
9801	131
9901	131
10001	130
10101	130
10201	129
10301	129
10401	129
10501	128
10601	128
10701	127
10801	127
10901	127
11001	126
11101	126
11201	126
11301	125
11401	125
11501	124
11601	124
11701	124
11801	123
11901	123
12001	123
12101	122
12201	122
12301	122
12401	121
12501	121

12601	121
12701	120
12801	120
12901	120
13001	119
13101	119
13201	119
13301	118
13401	118
13501	118
13601	117
13701	117
13801	117
13901	116
14001	116
14101	116
14201	115
14301	115
14401	115
14501	115
14601	114
14701	114
14801	114
14901	113
15001	113
15101	113
15201	113
15301	112
15401	112
15501	112
15601	111
15701	111
15801	111
15901	110
16001	110
16101	110
16201	110
16301	109
16401	109
16501	109
16601	109
16701	108
16801	108
16902	108

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17001	107
17101	107
17201	107
17301	107
17401	106
17501	106
17601	106
17701	105
17801	105
17901	105
18001	105
18101	104
18201	104
18301	104
18401	104
18501	103
18601	103
18701	103
18801	102
18901	102
19001	102
19101	102
19201	101
19301	101
19401	101
19501	101
19601	101
19701	100
19801	100
19901	100
20001	99
20101	99
20201	99
20301	99
20401	98
20501	98
20601	98
20701	98
20801	98
20901	97
21001	97
21101	97
21201	97
21301	96

21401	96
21501	96
21601	96
21701	95
21801	95
21901	95
22001	95
22101	94
22201	94
22301	94
22401	94
22501	94
22601	93
22701	93
22801	93
22901	93
23001	92
23103	92
23202	92
23301	92
23401	91
23501	91
23601	91
23701	91
23801	90
23901	90
24001	90
24101	90

**Aggregate Total  
Marks with  
Different Ranks in  
OBC\_NCL**

OBC_NCL	Marks
1	319
101	213
201	198
301	188
401	179
501	173
601	167

701	163
801	159
901	155
1001	152
1101	149
1201	146
1301	143
1401	141
1501	138
1601	136
1701	134
1801	132
1901	130
2001	129
2101	127
2201	126
2301	124
2401	123
2501	121
2601	120
2701	118
2801	117
2901	116
3001	115
3101	113
3201	112
3301	111
3401	110
3501	109
3601	108
3701	107
3801	106
3901	105
4001	104
4101	103
4201	102
4301	101
4401	100
4501	99
4601	99
4701	98
4801	97
4901	96
5001	95

5101	94
5201	93
5301	93
5401	92
5501	91
5601	90
5701	89
5801	88
5901	88
6001	87
6101	86
6201	85
6301	85
6401	84
6501	83
6601	83
6701	82
6801	81
6901	81

**Aggregate Total  
Marks with  
Different Ranks in  
SC**

SC	Marks
1	278
101	148
201	130
301	117
401	109
501	104
601	98
701	93
801	89
901	86
1001	83
1101	80
1201	78
1301	75
1401	73

## Results of JEE (Advanced) 2018

1501	71
1601	69
1701	66
1801	64
1901	63
2001	61
2101	59
2201	57
2301	56
2401	54
2501	52
2601	51
2701	49
2801	48
2901	46
3001	45

**Aggregate Total  
Marks with  
Different Ranks in  
ST**

ST	Marks
1	266
101	124
201	101
301	85
401	76
501	68
601	61
701	55
801	50
901	46

# Question Paper Analysis

## JEE (Advanced) 2018 Question Paper Analysis

### Question-wise Candidates' Performance in Physics Paper 1

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
1	38510	51117	56556	8975	0	0	24.82	32.95	36.45	5.78
2	42122	64996	25284	22756	0	0	27.15	41.89	16.3	14.67
3	38242	69095	30124	17697	0	0	24.65	44.53	19.42	11.41
4	78136	50125	17372	9525	0	0	50.36	32.31	11.2	6.14
5	52714	29914	13477	27122	31931	0	33.97	19.28	8.69	38.06
6	17632	25057	48285	24786	39398	0	11.36	16.15	31.12	41.37
7	22879	77084	55195				14.75	49.68	35.57	
8	36133	104174	14851				23.29	67.14	9.57	
9	37834	110251	7073				24.38	71.06	4.56	
10	29613	91112	34433				19.09	58.72	22.19	
11	30701	105067	19390				19.79	67.72	12.5	
12	34831	98594	21733				22.45	63.54	14.01	
13	35553	113309	6296				22.91	73.03	4.06	
14	21416	76073	57669				13.8	49.03	37.17	
15	18898	36431	99829				12.18	23.48	64.34	
16	20822	47480	86856				13.42	30.6	55.98	
17	48865	52457	53836				31.49	33.81	34.7	
18	75080	59412	20666				48.39	38.29	13.32	

# Question Paper Analysis

## Question-wise Candidates' Performance in Physics Paper 2

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
1	23103	42192	13179	30428	46256	0	14.89	27.19	8.49	49.42
2	57037	25385	14951	25792	31993	0	36.76	16.36	9.64	37.24
3	46624	54936	24630	28968	0	0	30.05	35.41	15.87	18.67
4	41550	94863	18745	0	0	0	26.78	61.14	12.08	0
5	19156	37621	89054	9327	0	0	12.35	24.25	57.4	6.01
6	68078	32762	32050	16933	5335	0	43.88	21.12	20.66	14.35
7	25888	117742	11528				16.68	75.89	7.43	
8	14067	91549	49542				9.07	59	31.93	
9	25603	114596	14959				16.5	73.86	9.64	
10	31719	98488	24951				20.44	63.48	16.08	
11	41427	98072	15659				26.7	63.21	10.09	
12	21240	102887	31031				13.69	66.31	20	
13	39325	109208	6625				25.35	70.39	4.27	
14	14553	76004	64601				9.38	48.98	41.64	
15	25405	85703	44050				16.37	55.24	28.39	
16	24055	47627	83476				15.5	30.7	53.8	
17	12847	41047	101264				8.28	26.45	65.27	
18	59252	53505	42401				38.19	34.48	27.33	

# Question Paper Analysis

## Question-wise Candidates' Performance in Chemistry Paper 2

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
19	24984	63731	9511	23415	33517	0	16.1	41.07	6.13	36.69
20	40757	67402	17444	29555	0	0	26.27	43.44	11.24	19.05
21	70340	60836	23982	0	0	0	45.33	39.21	15.46	0
22	47112	81569	26477	0	0	0	30.36	52.57	17.06	0
23	48989	50020	20700	35449	0	0	31.57	32.24	13.34	22.85
24	78142	49487	15945	11584	0	0	50.36	31.89	10.28	7.47
25	9878	66700	78580				6.37	42.99	50.65	
26	29787	111554	13817				19.2	71.9	8.91	
27	43983	96399	14776				28.35	62.13	9.52	
28	17229	131704	6225				11.1	84.88	4.01	
29	32013	111869	11276				20.63	72.1	7.27	
30	51399	103343	416				33.13	66.61	0.27	
31	38171	108504	8483				24.6	69.93	5.47	
32	35886	114884	4388				23.13	74.04	2.83	
33	13252	65337	76569				8.54	42.11	49.35	
34	59322	53242	42594				38.23	34.31	27.45	
35	21356	85651	48151				13.76	55.2	31.03	
36	77089	60237	17832				49.68	38.82	11.49	



# Question Paper Analysis

## Question-wise Candidates' Performance in Chemistry Paper 2

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
19	24984	63731	9511	23415	33517	0	16.1	41.07	6.13	36.69
20	40757	67402	17444	29555	0	0	26.27	43.44	11.24	19.05
21	70340	60836	23982	0	0	0	45.33	39.21	15.46	0
22	47112	81569	26477	0	0	0	30.36	52.57	17.06	0
23	48989	50020	20700	35449	0	0	31.57	32.24	13.34	22.85
24	78142	49487	15945	11584	0	0	50.36	31.89	10.28	7.47
25	9878	66700	78580				6.37	42.99	50.65	
26	29787	111554	13817				19.2	71.9	8.91	
27	43983	96399	14776				28.35	62.13	9.52	
28	17229	131704	6225				11.1	84.88	4.01	
29	32013	111869	11276				20.63	72.1	7.27	
30	51399	103343	416				33.13	66.61	0.27	
31	38171	108504	8483				24.6	69.93	5.47	
32	35886	114884	4388				23.13	74.04	2.83	
33	13252	65337	76569				8.54	42.11	49.35	
34	59322	53242	42594				38.23	34.31	27.45	
35	21356	85651	48151				13.76	55.2	31.03	
36	77089	60237	17832				49.68	38.82	11.49	

# Question Paper Analysis

## JEE (Advanced) 2018 Question Paper Analysis

### Question-wise Candidates' Performance in Mathematics Paper 1

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
37	55750	44521	2833	31257	20797	0	35.93	28.69	1.83	33.55
38	38634	18027	25911	36873	35713	0	24.9	11.62	16.7	46.78
39	33240	49117	30209	42592	0	0	21.42	31.66	19.47	27.45
40	95739	22849	3205	20354	13011	0	61.7	14.73	2.07	21.5
41	89898	46703	9662	8895	0	0	57.94	30.1	6.23	5.73
42	95932	36708	10992	11526	0	0	61.83	23.66	7.08	7.43
43	28821	86459	39878				18.58	55.72	25.7	
44	16999	100592	37567				10.96	64.83	24.21	
45	22507	125020	7631				14.51	80.58	4.92	
46	36196	89436	29526				23.33	57.64	19.03	
47	25459	77924	51775				16.41	50.22	33.37	
48	21738	110919	22501				14.01	71.49	14.5	
49	33942	96439	24777				21.88	62.16	15.97	
50	22942	86683	45533				14.79	55.87	29.35	
51	61549	53298	40311				39.67	34.35	25.98	
52	44832	59114	51212				28.89	38.1	33.01	
53	61124	57133	36901				39.39	36.82	23.78	
54	84479	51617	19062				54.45	33.27	12.29	

# Question Paper Analysis

## Question-wise Candidates' Performance in Mathematics Paper 2

Question No.	Not Attempted	Wrong Response	Correct Response	Partial Correct (1 Mark)	Partial Correct (2 Marks)	Partial Correct (3 Marks)	Un attempted Percentage	Wrong Response Percentage	Correct Response Percentage	Partial Correct percentage
37	80560	60344	14254	0	0	0	51.92	38.89	9.19	0
38	112673	33585	1662	7238	0	0	72.62	21.65	1.07	4.66
39	74108	56910	13513	10627	0	0	47.76	36.68	8.71	6.85
40	64297	31720	33227	25914	0	0	41.44	20.44	21.41	16.7
41	87526	41941	1834	15053	8804	0	56.41	27.03	1.18	15.38
42	78118	23294	4575	26357	22814	0	50.35	15.01	2.95	31.69
43	39152	91366	24640				25.23	58.89	15.88	
44	10626	100075	44457				6.85	64.5	28.65	
45	30505	123303	1350				19.66	79.47	0.87	
46	21221	100349	33588				13.68	64.68	21.65	
47	27838	94251	33069				17.94	60.75	21.31	
48	37200	100743	17215				23.98	64.93	11.1	
49	29312	103176	22670				18.89	66.5	14.61	
50	30628	112130	12400				19.74	72.27	7.99	
51	46680	65685	42793				30.09	42.33	27.58	
52	24055	38322	92781				15.5	24.7	59.8	
53	48100	34382	72676				31	22.16	46.84	
54	41378	74729	39051				26.67	48.16	25.17	

# Question Paper Analysis

## Question Paper Pattern

Paper	Type	No. of Questions in Each Subject	Marks
Paper 1	Multiple Correct Answers	6	-2,0,1,2,3,4
	Numerical Answers	8	0,3
	Paragraph type with Single Correct Answer	4	-1,0,3
Paper 2	Multiple Correct Answers	6	-2,0,1,2,3,4
	Numerical Answers	8	0,3
	2-List Matching with Single Correct Answer	4	-1,0,3

## Zone wise and Category wise Distribution of Candidates

### Zone wise and Category wise distribution of Eligible Registered Candidates

Zone	OPEN	SC	ST	OBC-NCL	Total
IIT Bombay	11380	5261	1852	10320	28813
IIT Delhi	14126	4459	2681	10618	31884
IIT Guwahati	2627	1794	1452	6034	11907
IIT Kanpur	7491	3715	1193	8029	20428
IIT Kharagpur	7125	3414	1943	6663	19145
IIT Madras	12943	5211	2527	17550	38231
IIT Roorkee	7913	3007	408	3086	14414
Total	63605	26861	12056	62300	164822

### Zone wise and Category wise distribution of Qualified Candidates

Zone	OPEN	SC	ST	OBC-NCL	Total
IIT Bombay	3176	903	186	862	5127
IIT Delhi	4762	1248	673	1834	8517
IIT Guwahati	609	327	148	571	1655
IIT Kanpur	2150	799	113	904	3966
IIT Kharagpur	1647	664	194	660	3165
IIT Madras	3144	862	419	1805	6230
IIT Roorkee	2267	677	55	329	3328
Total	17755	5480	1788	6965	31988

### Zone wise and Category wise distribution of Admitted Candidates

Zone	OPEN	SC	ST	OBC-NCL	Total
IIT Bombay	1070	290	83	351	1794
IIT Delhi	1679	431	330	891	3331
IIT Guwahati	177	95	63	255	590
IIT Kanpur	733	234	41	431	1439
IIT Kharagpur	484	203	91	325	1103
IIT Madras	1093	331	254	904	2582
IIT Roorkee	758	206	16	142	1122
Total	5994	1790	878	3299	11961

# Zone wise and Category wise Distribution of Candidates

## Zone wise Male and Female Data of Eligible Registered Candidates

Zone	Male	Female	Transgender	Total
IIT Bombay	22461	6352	0	28813
IIT Delhi	27165	4719	0	31884
IIT Guwahati	10082	1825	0	11907
IIT Kanpur	17182	3246	0	20428
IIT Kharagpur	15159	3986	0	19145
IIT Madras	27239	10992	0	38231
IIT Roorkee	11923	2491	0	14414
Total	131211	33611	0	164822

## Zone wise Male and Female Data of Qualified Candidates

Zone	Male (%)	Female (%)	Transgender	Total
IIT Bombay	4423 (86.27)	704 (13.73)	0	5127
IIT Delhi	7611 (89.36)	906 (10.64)	0	8517
IIT Guwahati	1494 (90.27)	161 (9.73)	0	1655
IIT Kanpur	3522 (88.80)	444 (11.20)	0	3966
IIT Kharagpur	2748 (86.82)	417 (13.18)	0	3165
IIT Madras	5107 (81.97)	1123 (18.03)	0	6230
IIT Roorkee	2904 (87.26)	424 (12.74)	0	3328
Total	27809 (86.94)	4179 (13.06)	0	31988

## Zone wise Male and Female Data of Admitted Candidates

Zone	Male (%)	Female (%)	Transgender	Total
IIT Bombay	1532 (85.4)	262 (14.6)	0	1794
IIT Delhi	2858 (85.8)	473 (14.2)	0	3331
IIT Guwahati	518 (87.8)	72 (12.2)	0	590
IIT Kanpur	1254 (87.14)	185 (12.86)	0	1439
IIT Kharagpur	921 (83.5)	182 (16.5)	0	1103
IIT Madras	2063 (79.9)	519 (20.1)	0	2582
IIT Roorkee	969 (86.36)	153 (13.64)	0	1122
Total	10115 (84.57)	1846 (15.43)	0	11961

# Zone wise and Category wise Distribution of Candidates

## Zone wise Nationality of Eligible Registered Candidates

Zone	Indian	OCI	PIO	Foreign	Total
IIT Bombay	28701	95	12	5	28813
IIT Delhi	31837	13	6	28	31884
IIT Guwahati	11900	2	0	7	11909
IIT Kanpur	20426	7	0	0	20433
IIT Kharagpur	19131	89	2	5	19227
IIT Madras	38120	6	16	6	38148
IIT Roorkee	14408	0	0	0	14408
<b>Total</b>	<b>164523</b>	<b>212</b>	<b>36</b>	<b>51</b>	<b>164822</b>

## Zone wise Nationality of Qualified Candidates

Zone	Indian	OCI	PIO	Foreign	Total
IIT Bombay	5076	47	4	0	5127
IIT Delhi	8507	6	2	2	8517
IIT Guwahati	1655	0	0	0	1655
IIT Kanpur	3966	0	0	0	3966
IIT Kharagpur	3161	4	0	0	3165
IIT Madras	6187	32	9	2	6230
IIT Roorkee	3327	1	0	0	3328
<b>Total</b>	<b>31879</b>	<b>90</b>	<b>15</b>	<b>4</b>	<b>31988</b>

## Zone wise Nationality of Admitted Candidates

Zone	Indian	OCI	PIO	Foreign	Total
IIT Bombay	1778	16	0	0	1794
IIT Delhi	3329	1	0	1	3331
IIT Guwahati	590	0	0	0	590
IIT Kanpur	1439	0	0	0	1439
IIT Kharagpur	1102	1	0	0	1103
IIT Madras	2571	9	1	1	2582
IIT Roorkee	1121	1	0	0	1122
<b>Total</b>	<b>11930</b>	<b>28</b>	<b>1</b>	<b>2</b>	<b>11961</b>

# Zone wise and Category wise Distribution of Candidates

## Zone wise AAT 2018 Candidates

IIT	AAT June 14, 2018		AAT June 17, 2018		Unregistered (appeared on June 17, 2018)	Total	
	Appeared	Registered	Appeared	Registered		Appeared	Registered
Bombay	26	66	67	154	1	93	220
Delhi	53	158	156	345	0	209	503
Guwahati	06	19	06	59	0	12	78
Kanpur	17	68	73	196	1	90	264
Kharagpur	20	66	52	140	0	72	206
Madras	25	92	78	193	0	103	285
Roorkee	12	49	36	83	0	48	132
<b>Total</b>	<b>159*</b>	<b>518</b>	<b>468**</b>	<b>1170</b>		<b>627</b>	<b>1688</b>

\*Out of 159 candidates, 152 candidates qualified.

\*\*All the 468 candidates qualified.

IIT	Qualified
Bombay	82
Delhi	179
Guwahati	18
Kanpur	89
Kharagpur	66
Madras	97
Roorkee	89
<b>Total</b>	<b>620</b>



# Seat Allotment Statistics

## Statistics of Candidates Allotted Admission in IITs

Seat Pool	Candidate Type	Gender	Total Allotted
Female Only	Normal	Female	1772
	Preparatory Course	Female	69
Gender Neutral	Normal	Female	8
		Non-Female	10086
	Preparatory Course	Female	3
		Non-Female	131
<b>Total</b>			<b>12069</b>

## Category wise Last Rank Candidate offered Admission

Rank List	Rank (Gender Neutral)	Rank (Female Only)
CRL	12216	16035
OBC-NCL	4686	6905
SC	2885	3018
ST	916	917
CRL-PwD	118	105
OBC-NCL PwD	26	16
SC PwD	8	--
ST PwD	--	--
Prep CRL PwD	111	105
Prep OBC-NCL PwD	38	--
Prep SC	--	1400
Prep ST	859	857
Prep SC PwD	--	--
Prep ST PwD	--	--

# Seat Allotment Statistics

## Distribution of 1000 Top Rankers across the Institutes

Institutes	Top 50	Top 100	Top 300	Top 500	Top 1000
IIT Bombay	47	59	96	130	210
IIT Delhi	3	30	65	107	163
IIT Madras	0	6	33	50	89
IIT Kanpur	0	0	40	54	130
IIT Kharagpur	0	1	31	48	104
IIT Guwahati	0	0	0	23	54
IIT Roorkee	0	0	7	36	46
IIT BHU	0	0	0	0	37
IIT Hyderabad	0	0	0	1	23
IIT Indore	0	0	0	0	10
IIT Gandhinagar	0	0	0	0	2
IIT Patna	0	0	0	0	1
<b>Total</b>	<b>50</b>	<b>96</b>	<b>272</b>	<b>449</b>	<b>869</b>
<b>No. of Candidates who didn't Join IITs</b>	<b>0</b>	<b>4</b>	<b>28</b>	<b>51</b>	<b>131</b>