ACKNOWLEDGEMENT

The Joint Entrance Examination (JEE) for admission to fifteen Indian Institutes of Technology, Institute of Technology, BHU and ISM Dhanbad is amongst the most popular and sought after entrance examinations in our country. With increase in the number of institutions and increase in the number of seats, the number of candidates appearing in this prestigious examination has exceeded four hundred and eighty thousand. We have been conducting this examination for about 50 years now. This examination is conducted all over the country by seven IITs, each of which represents a zone. Each year, one of these seven zonal IITs takes the lead role as the Organising institute. For JEE 2011, IIT Kanpur served as the Organising institute.

Conducting an examination of this importance and magnitude involved the support and cooperation of many individuals and institutions. We thank Prof S.G. Dhande, Director, IIT Kanpur who is the Chairman of the Joint Admissions Board (JAB) for his invaluable support, advice and presence in need. Words simply cannot describe our gratitude to him. We thank the Directors of all the seventeen participating institutions for their cooperation, support and contributions. We thank the fifteen members of the Joint Implementation Committee (JIC) who have planned the execution and implementation of all the activities related to JEE 2011. We also thank Prof. R.K. Thareja, Deputy Director, Mr. S.S. Kashalkar, Registrar and Mr. C.P. Singh, Deputy Registrar of IIT Kanpur for their help and cooperation whenever we needed them.

Several faculty members, technical and administrative staff members of all the IITs have taken part in many activities, be it confidential work or being an institute representative for conducting the examination. We thank all the faculty and staff who have contributed to the conduct of JEE 2011.

We also thank the staff working in the JEE offices of all the participating institutions. They have spent sleepless nights in ensuring that all the tasks have been carried out in time. We particularly mention the work of the staff of the JEE office, IIT Kanpur, Mr. P.K. Mohanty and the technical staff Mr. Arvind Misra for their commendable contribution.

JEE Team 2011
IIT Kanpur

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MEMBERS OF THE JOINT ADMISSIONS BOARD (JAB 2011)

No.	Institute	Member	Position
1.	IIT Bombay	**Prof. Devang V Khakhar**	**Director**
		Prof. Avijit Chatterjee	Chairman, JEE
		Prof. Avinash Mahajan	Vice Chairman, JEE
2.	IIT Bhubaneswar	**Prof. M Chakraborty**	**Director**
3.	IIT Delhi	**Prof. Surendra Prasad**	**Director**
		Prof. G.B. Reddy	Chairman JEE
		Prof. Narayanan Kurur	Vice Chairman, JEE
4.	IIT Gandhinagar	**Prof. Sudhir Jain**	**Director**
5.	IIT Guwahati	**Prof. Gautam Barua**	**Director**
		Prof. A Perumal	Chairman, JEE
		Prof. Bishnupada Mondal	Vice Chairman, JEE
6.	IIT Hyderabad	**Prof. U B Desai**	**Director**
7.	IIT Indore	**Prof. P Mathur**	**Director**
8.	IIT Kanpur	**Prof. S G Dhande**	**Director**
		Prof. S.K. Choudhury	Organising Chairman, JEE
		Prof. Rajesh Srivastava	Vice Chairman, JEE
		Prof. M.S. Kalra	Vice Chairman, JEE
9.	IIT Kharagpur	**Prof. D Acharya**	**Director**
		Prof. A N Samanta	Chairman, JEE
		Prof. D K Baidya	Vice Chairman, JEE
10.	IIT Madras	**Prof. M S Ananth**	**Director**
		Prof. V Kamakoti	Chairman, JEE
		Prof. Arindama Singh	Vice Chairman, JEE
11.	IIT Mandi	**Prof. T A Gonsalves**	**Director**
12.	IIT Patna	**Prof. Anil Bhowmick**	**Director**
13.	IIT Rajasthan	**Prof. P K Kalra**	**Director**
14.	IIT Roorkee	**Prof. S C Saxena**	**Director**
		Prof. U P Singh	Chairman, JEE
		Prof. M.L. Sharma	Vice Chairman, JEE
15.	IIT Ropar	**Prof. M K Surappa**	**Director**
16.	ISM Dhanbad	**Prof. T Kumar**	**Director**
		Prof. M Jawed	Chairman, JEE
		Prof. Udayabhanu	Vice Chairman, JEE
17.	IT BHU	**Prof. K P Singh**	**Director**
		Prof. Surendra Kumar	Chairman, JEE
		Prof. Veerendra Kumar	Vice Chairman, JEE

CALENDAR FOR JEE2011

No.	Activity	Date
1	Short Advertisement	30 September 2010
2	Main Advertisement	30 October 2010
3	Online application starts	1 November 2010
4	Issue of application (off-line)	12 November 2010
5	Last date for receipt of completed application	20 December 2010
6	Joint Entrance Examination	10 April 2011
7	Declaration of Results	25 May 2011
8	On-line choice filling	25 May – 17 June 2011
9	Medical examination and counselling for PD	8 - 10 June 2011
10	Architecture/Design aptitude test	10 June 2011
11	Last date for on-line choice filling	17 June 2011
12	Web release of FIRST course allocation	21 June 2011
13	Last date for payment of fee to accept the offer of admission made in the 1st allotment	30 June 2011
14	Web release of SECOND course allocation	1 July 2011
15	Last date for payment of fee to accept the offer of admission made in the 1st allotment	6 July 2011
16	Web release of THIRD course allocation	10 July 2011

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JEE 2011 – Results

The Joint Entrance Examination for the year 2011 (JEE 2011) was conducted on Sunday, April 10 2011 at **1051** examination centres in 131 cities all over India and in Dubai. The results of JEE 2011 was announced as per schedule on May 25, 2011. The results were processed as per the decisions made in the Joint Admissions Board (JAB) meetings held on 21 August 2010 at IIT Kanpur and on 5 June 2011 at IIT Kanpur based on approvals obtained by Chairman JAB. The results were displayed on the JEE websites (of the seven zones) and on notice boards of seven IITs.

The table below provides a brief category-wise summary of the number of candidates who appeared and qualified in the examination.

Candidates	GE	OBC	SC	ST	Total
Appeared	266853	138115	45182	18130	468280
Qualified	8010	2589	1951	646	13196

Total registered candidates = 485136

A common merit list (CML) of **9618** candidates was prepared without any relaxation in criteria. This list contains **7923** General (GE), **1540** OBC, **122** SC and **33** ST candidates. This list also includes **16** candidates who declared themselves as foreign nationals and **23** candidates who declared themselves as DS candidates.

Separate merit lists were prepared for OBC, SC, ST and PD candidates with relaxations of 10%, 50%, 50% and 50% of marks of the last candidate in the CML, respectively. These lists contained 2545 OBC, 1951 SC, 646 ST and 146 PD candidates. In all 13196 candidates were eligible for counselling for seats in 17 institutions.

A total of 2267 PD candidates (based on self declaration) appeared in JEE 2011 and 146 of them qualified based on the relaxed norms. Out of these 96 were GEPD, 46 were OBCPD, 1 was SCPD and 3 were STPD candidates. Only 4 candidates qualified in SCPD and STPD categories while 75 seats were available in these categories.

JEE2011 was conducted for admissions to 15 IITs, ITBHU and ISM Dhanbad. The fifteen IITs are at Bhubaneswar, Bombay, Delhi, Gandhinagar, Guwahati, Hyderabad, Indore, Kanpur, Kharagpur, Madras, Mandi, Patna, Rajasthan, Roorkee and Ropar. The total number of seats available in these 17 institutions across all categories was **9627**.

As per the directives of the Chief Commissioner for Person with disabilities and decision of the JAB, 3% of the seats available in each vertical category were reserved for PD candidates. A roster system to reserve the PD seats across various institutes and courses was followed in 2011 continuing on the 2010 roster.

The breakup of seats for different categories across all the 17 institutes is as follows:

	GE	OBC	SC	ST	Total
Total Seats available	4853	2603	1440	731	**9627**
For PD candidates	150	77	47	28	**302**
For non PD candidates	4703	2526	1393	703	**9325**

Counselling

The counselling process for the seat allotment to the JEE-2011 qualified candidates was made on-line through a software called JCOP prepared by a team of Faculty Members and Students from the Computer Science and Engineering Department of IIT Kanpur. This includes the on-line payment of the counselling fee of Rs.1000 through NEFT or credit and debit cards and the online filling up of the choices during the first round of seat allocation starting from 25th May 2011 till 17th June 2011. For the first time in JEE-2011, it was decided in an emergency JAB meeting that three rounds of counselling will be held to fill the maximum number of seats in all IITs, IT-BHU, Varanasi and ISM Dhanbad. Candidates sent the hard copies of the documents (admission form, medical certificate, certificate and marks of qualifying examination and the caste certificates, if applicable) by post to respective zonal JEE offices from where the admit card was issued. The last date for receiving required documents at respective zonal IITs was announced in the Counselling Brochure as 10th June 2011. The results of the first round of seat allocation were announced on 21st June 2011. Immediately following the results of the first round of seat allocation, candidates who were allotted seat were supposed to pay the registration fee of Rs. 40,000 (for the GE and OBC category candidates) and Rs.20,000 (for the SC/ST category candidates) on-line through NEFT or credit and debit cards. An arrangement of Payment Gateway was made with the Civil Lines Branch of the HDFC bank in Kanpur. In case a candidate did not pay the registration fee within the deadline of 30th June 2011, the seat allotted to him/her was cancelled. A candidate, who was not allotted a seat in the first round of seat allocation, had to wait for the subsequent rounds for the possible allocation of seat. The results of the second round of seat allocation were announced on 1st July 2011. A total number of 618 candidates did not get any seat during the first round and got a seat in the second round. These candidates had to pay the registration fee on-line by 6th July to accept the offer. Web release of third round of seat allocation was announced on 10th July 2011. A total number of 304 candidates were offered seat newly in the third round of seat allotment.

Summary of the zone wise candidates qualified and those who paid counselling fees, at the time of seat allocation is given below:

Institute (zone)	Candidates Qualified	Candidates who paid counselling fees
IIT Bombay	**3248**	3126
IIT Delhi	**2106**	1987
IIT Guwahati	**534**	519
IIT Kanpur	**1523**	1462
IIT Kharagpur	**1511**	1446
IIT Madras	**3049**	2806
IIT Roorkee	**1225**	1168
Total	**13196**	12514

The 146 PD candidates were called for medical examination, which was conducted on 8th, 9th and 10th June 2011 in Bombay, Delhi, Guwahati, Kanpur, Kharagpur and Madras. The number of candidates qualified by the medical boards is 105.

Out of the 7914 GE candidates (excluding 9 GE PD candidates) in the CML, 536 did not fill the choice sheets. Out of the 2543 OBC candidates (excluding 2 OBC PD candidates), 108 did not fill the choice sheets. Out of the 1950 SC candidates (excluding 1 SCPD candidate), 59 did not fill the choice sheets. Out of the 643 ST candidates (excluding 3 ST PD candidates), 10 did not fill the choice sheets. Out of the 146 PD candidates, 7 did not fill the choice sheets. Finally 7378 GE candidates, 2435 OBC candidates, 1891 SC candidates, 633 ST candidates and 139 PD candidates were considered for seat allocation. A total of 12476 candidates were considered for the first round of seat allocation. A total number of 720 candidates did not fill the choices.

The aptitude test for Design/Architecture was conducted on 10th June between 10am and 1pm. A total of 477 candidates wrote the test. The following table provides data on the Design/Architecture aptitude test.

Institute (zone)	Candidates attended	Candidates Qualified
IIT Bombay	99	53
IIT Delhi	125	69
IIT Guwahati	30	19
IIT Kanpur	60	36
IIT Kharagpur	52	29
IIT Madras	72	40
IIT Roorkee	39	14
Total	477	260

The cutoff mark for qualifying the design/aptitude test was fixed at 153 by the evaluating committee along with the JIC Chairman.

Out of the 13196 candidates who were eligible to fill the choice sheets, 720 did not fill the choices. The remaining 12476 candidates who had filled choice sheets were considered for seat allocation.

The following tables summarize the allocations zone wise.

No.	Zone	Allotted	Not allotted	Total
1	Bombay	2399	849	3248
2	Delhi	1384	722	2106
3	Guwahati	422	112	534
4	Kanpur	1095	428	1523
5	Kharagpur	1083	428	1511
6	Madras	2113	936	3049
7	Roorkee	815	410	1225
	Total	9311*	3885	**13196**

- 31 Supernumerary seats included.

	CML	OBC	SC	ST	PD	Total
Seats available	4703	2526	1393	703	150+77+47+28	9627
Candidates who filled choice sheets	6657	3160	1888	632	97+38+1+3	12476
Seats allotted	5157	2094	1384	9198	75+25+0+2	**9311**

- 31 Supernumerary seats included.

Twenty four (24) supernumerary seats were created in different categories (GE-12, GE PD-1, SC-4, OBC-4, ST-3) to take care of mainly the candidates not being able to register in the JEE on-line counselling portal, JCOP after having paid the registration fee in time. Another seven (7) supernumerary seats were created for the Foreign Nationals.

A total number of 9319 candidates were allotted seats in the first round of seat allotment. Out of them 8674 candidates paid the fees to accept the offer of admission. These 8674 candidates were also eligible for the subsequent rounds of seat allocation and ensured that in the second and third rounds of course allotment he/she shall be allotted a course that is equal or higher in preference than the one allotted in the first round, as per the choice list filled by the candidate. 645 candidates did not pay the registration fee and hence, were out of the counselling. 618 candidates, who could not be allotted any seat in the first allotment, were allotted seats in the second round. 304 candidates were allotted seats in the third round of counselling. 1478 candidates have change in allotted seats between first and second rounds of counselling. 407 candidates have change in allotted seats between second and third rounds of counselling.

Following table shows the candidates from various zones who paid the registration fee after the first and the second round of seat allotments:

Main Report and Tables

No.	Place	Number
1	IIT Bombay	2316
2	IIT Delhi	1343
3	IIT Guwahati	407
4	IIT Kanpur	1050
5	IIT Kharagpur	1048
6	IIT Madras	2073
7	IIT Roorkee	776
	Total	9013

The institute wise and gender and category wise seat allotment data is given below:

Institute	Male	Female	Total
Bhubaneswar	109	7	116
Bombay	798	75	873
Delhi	734	108	842
Gandhinagar	105	10	115
Guwahati	543	57	600
Hyderabad	116	22	138
Indore	102	16	118
Kanpur	736	72	808
Kharagpur	1155	134	1289
Madras	696	126	822
Mandi	108	10	118
Patna	109	8	117
Rajasthan	143	13	156
Roorkee	982	111	1093
Ropar	109	9	118
ISM Dhanbad	914	57	971
IT BHU	902	91	993
Total	8361	926	9287

	CML	OBC	SC	ST	PD	Total
Seats available	4703	2526	1393	703	150+77+47+28	9627
Seats allotted	5157	2094	1384	9198	75+25+0+2	**9311***

- 31 Supernumerary seats included.

The following **SEVEN** foreign national candidates were allotted supernumerary seats:

1039509 (G002), 1040060 (G074), 1063308 (G074), 2056082 (K045), 2066216 (D079), 4028380 (R007), and 6096157 (M076).

Preparatory Course Counselling and seat allocation.

The results of JEE 2011 was announced on May 25 2011. The number of seats available under the various categories and the number of candidates in the various merit lists are given below:

	GE	OBC	SC	ST	PD	Total
Seats available	4703	2526	1393	703	150+77+47+28 =302	9627
No. of candidates in the merit list	8027	2430	1950	643	96+46+1+3=146	**13196**
No. of candidates called for PC counselling				112*	294*	

- No SC preparatory list was made since the number of candidates exceeded the list. It was ensured that all SC candidates who met the cutoff were included in the SC merit list.

These 112 ST and 294 PD candidates were called for preparatory counselling on 18th July 2011. The counselling for the preparatory course was conducted in the seven IITs representing the zones. Medical examinations of the preparatory PD candidates were carried out along with the PD candidates as stated earlier. The zone wise distribution of candidates and the numbers who attended are shown below:

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee	Total
Prep. PD qualified	27	15	39	17	23	18	14	153
Prep. ST called	49	10	09	02	11	29	02	112

A total of 112 ST candidates were called to fill 132 ST seats. **81** candidates were allotted to preparatory courses in the 16 institutions in the ST category. IIT Indore expressed its inability to conduct the preparatory course for 2011-12 academic session. A total of 153 PD candidates were called for counselling to fill 201 PD seats and **130** candidates were allotted to the preparatory course in the 16 institutions in the PD category.

At the end of the third round of seat allocation the vacant seats in ST and PD are shown below.

Institute	ST	GEPD	OBCPD	SCPD	STPD	Total
IITB (B)	1	1	1	3	1	7
IITD (D)	0	2	2	9	6	19
IITG (W)	4	4	3	3	1	15
IITK (K)	7	4	3	4	2	20
IITKgp (G)	25	10	7	5	3	50
IITM (M)	3	3	5	4	2	17
IITR (R)	29	11	6	5	3	54
IITBhub (A)	0	1	1	1	1	4
IITGn (N)	0	2	1	1	1	5
IITH (H)	0	0	1	1	0	2
IIT In (E)	0	1	1	0	0	2
IIT Mnd (C)	0	1	1	0	0	2
IIT Ptn (P)	0	2	1	0	0	3
IIT Rpr (U)	0	1	1	0	0	2
IIT Rn (J)	0	3	0	0	1	4
ISM D (S)	34	14	8	5	2	63
IT-BHU (V)	29	16	10	6	3	64
Total	**132**	**76**	**52**	**47**	**26**	**333**

The allotment of 81 ST and 130 PD are also shown against the vacant seats in the 16 institutions.

Institute wise availability and allocation

Institute	ST		GE-PD		OBC-PD		SC-PD		ST-PD		Total	Tot.Allot.
	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.		
IITB (B)	1	1	1	1	1	1	3	2	1	1	**7**	**6**
IITD (D)	0	0	2	2	2	2	9	3	6	2	**19**	**9**
IITG (W)	4	4	4	4	3	3	3	0	1	0	**15**	**11**
IITK (K)	7	7	4	4	3	3	4	0	2	0	**20**	**14**
IITKgp (G)	25	25	10	10	7	7	5	1	3	0	**50**	**43**
IITM (M)	3	3	3	3	5	5	4	0	2	2	**17**	**13**
IITR (R)	29	22	11	11	6	6	5	0	3	0	**54**	**39**
IITBhub (A)	0	0	1	1	1	1	1	0	1	0	**4**	**2**
IITGn (N)	0	0	2	2	1	1	1	0	1	0	**5**	**3**
IITH (H)	0	0	0	0	1	1	1	0	0	0	**2**	**1**
IIT In (E)	0	0	1	0	1	0	0	0	0	0	**2**	**0**
IIT Mnd (C)	0	0	1	1	1	1	0	0	0	0	**2**	**2**
IIT Ptn (P)	0	0	2	2	1	1	0	0	0	0	**3**	**3**
IIT Rpr (U)	0	0	1	1	1	1	0	0	0	0	**2**	**2**
IIT Rn (J)	0	0	3	3	0	0	0	0	1	0	**4**	**3**
ISM D (S)	34	8	14	13	8	2	5	0	2	0	**63**	**23**
IT-BHU (V)	29	11	16	16	10	10	6	0	3	0	**64**	**37**
Total	**132**	**81**	**76**	**74**	**52**	**45**	**47**	**6**	**26**	**5**	**333**	**211**

JOINT ADMISSION BOARD (JAB) AND POLICY DECISIONS

Three meetings of the Joint Admissions Board (JAB) were held for JEE2011.

1. First JAB meeting:: August 21, 2010 at IIT Kanpur
   Prof. M.S. Ananth, Director IIT Madras and Chairman JAB 2010 chaired the meeting and handed over the charge of the Board to IIT Kanpur. Prof. S.G. Dhande, Director, IIT Kanpur became the Chairman of JAB 2011. Prof. G. Srinivasan, Co-Organising Chairman, JEE2010 presented the salient features of JEE 2010 and Prof. S.K. Choudhury, Organising Chairman JEE 2011 presented the proposal for JEE 2011.

2. Second JAB meeting: February 21, 2011 at IIT Kanpur
   The agenda included ways and means to reduce the number of vacant seats at IITs, IT BHU and ISM Dhanbad and the provision of showing filled-up ORS to the candidates

3. Third Emergency JAB meeting: June 5, 2011 at IIT Kanpur
   The agenda was to discuss the possible measures to fill up the maximum number of vacant seats in the light of the verdict from the Hyderabad court.

Some of the resolutions and decisions of JAB2011 are produced below:

1. **Date of examination**: As for years, JEE has been conducted during the Second Sunday of April every year, the JAB members strongly suggested that the convention be followed. The date of JEE was fixed for 10th April 2011.

2. **Evaluation Procedure:** Minimum qualifying marks in a subject for GE category will be the *mean* (the average) of the marks obtained in that subject by all candidates who appear in both the papers. **Minimum qualifying marks for ranking** (subject cut-off) for each subject will be calculated.

   The Common Merit List (CML) will be prepared without any relaxed criteria so that the number of candidates in the list is equal to the total number of seats available in all the participating institutes put together. The minimum marks obtained by the candidates in the common merit list will be the aggregate cut-off for GE category. The minimum qualifying marks (MQM) for the OBC and SC/ST categories will be 90% and 50% of the MQM for CML. The cut off in the aggregate marks for OBC and SC/ST categories will be 90% and 50% of the cut off for CML

   In addition, separate merit lists will be prepared for OBC, SC, ST and PD candidates with different relaxed norms relevant to their categories/subcategory.

3. **Answer Keys of JEE 2011 on web**: It was decided to release the answer keys of all the questions on the web at the earliest possible time after completion of the examination.

4. The scanned copies of ORSs of JEE-2011, suitably protected by password, etc., will be displayed on the web for the candidates to see.

5. Responsibility of JAB-2011: JAB-2011 shall conduct JEE-2011, evaluate the performance of candidates, and announce the lists of qualified candidates. Subsequent to result declaration, JAB-2011 shall conduct two rounds of counselling and, based on the performance and the choices of candidates and the availability of seats in different courses of the participating institutions, shall do the allocation of seats.

6. Responsibility of the individual institutes: Each participating institute shall have the responsibility of examining the position of vacancies in different courses resulting out of JAB-2011 exercise and shall take appropriate steps to see that as many seats as possible are filled in each respective institute. For this purpose, JEE-2011 rank, including the extended merit list, will be the criterion for selection of candidates for the vacant seats in these institutes.

7. Any candidate registered for the Preparatory Course (PC) in any IIT / IT- BHU / ISM Dhanbad in the current year cannot be given a seat in the Preparatory Course of the next or subsequent years in any of these institutes through JEE.

8. Each institute will maintain the PD roster for the courses offered by it and will communicate the PD subcategory seats in each category for each course to the Organising Institute.

9. Candidates who accept the first round of seat allocation by paying the registration fee will automatically be considered for up-gradation in the second round of seat allocation in accordance with their original choice-sheets.

10. The Board has approved for the disposal/destruction of Organization JEE Records which are five or more years old. The Board approved it except for those records which pertain to candidates who have entered into litigation.

11. The members observed that once a candidate accepts a seat by paying the registration fee after the first round of seat allotment, a seat becomes reserved for him/her and is not offered to any other candidate. If the candidate does not join, one seat remains unfilled and no refund is admissible.

12. The Board was informed by the Organising Chairman that counselling (the filling of choice sheets) in JEE-2011 will be online including payment of counselling/registration fees.

A) Structure of JEE-2011

Pattern of Examination

(i)   Single stage examination of two papers, each of three hours duration.
(ii)   Each of the papers having three separate sections for Physics, Chemistry and Mathematics.
(iii) All Questions will be of objective type, designed to test comprehensive, reasoning and analytical ability of the candidate.
(iv)   Candidates to be allowed to retain the Question papers.

Date of Examination and Schedule

The date and the schedule for JEE-2011 will be as follows:

Date: **Sunday, April 10th, 2011.**

Schedule of Examination: Paper 1: **9 am to 12 noon (IST)**
                                          Paper 2: **2 pm to 5 pm (IST)**
                                          Centre(s) outside India (*simultaneously*)

Eligibility Criteria

The candidate has to satisfy all the eligibility conditions given below:

i)   Candidates who have passed (10+2) or equivalent qualifying examination in 2010 or will be appearing in 2011, and secure at least 60% marks (for GE/OBC categories) (55% marks for SC, ST categories and PD candidates) in the qualifying examination are eligible. Candidates who have passed (10+2) or equivalent qualifying examinations on or before October 1, 2009 are not eligible.

ii)   Candidate should not have accepted admission at any of the IITs, IT-BHU, Varanasi, and ISMU, Dhanbad through JEE by payment of full fees.

iii)   Date of birth falls on or after

  i.   October 01, 1986 (for GE, OBC and DS categories)
  ii. October 01, 1981 (for SC, ST and PD categories).

Syllabus for JEE-2011

The syllabus of subjects namely Physics, Chemistry and Mathematics will remain same as that of JEE 2010. Also, the syllabus of aptitude test will be as that of JEE 2010.

Application Form and Fee for JEE-2011

Candidates can submit the application form either Offline or Online. The mandatory fields will have to be filled by all candidates, failing which the application will be rejected.

Fee structure:

- Rs 500 for SC/ST/PD and female candidates.

- Rs 1000 for GE/OBC/DS candidates.

- USD 200 for candidates of centres outside India.

For On-line applications a 10% reduction in fees is suggested as in GATE and JAM.

Commencement of registration of JEE-2011 On-line Application Forms	**November 1, 2010**
Issue of Off-line Application material begins	**November 12, 2010**
Last date for On-line JEE-2011 application process	**December 7, 2010**
Last date for Off-line JEE-2011 application process	**December 15, 2010**
Last date for receipt of completed hardcopy of JEE-2011 applications at IITs	**December 20, 2010**

Dates of Advertisements

Short notification: 30 September 2010 (Thursday).

Release of wide notification: 30 October 2010 (Saturday)

B) Evaluation Procedure and Merit Lists

- Marks in a subject will be the Total of the marks in the corresponding subjects in Paper 1 and Paper 2.

- **Minimum qualifying marks for ranking** (subject cut-off) for each subject will be calculated.

- Only those candidates who appear in both the papers and score more than or equal to the minimum qualifying marks in each subject will be considered for ranking.

- Minimum qualifying marks in a subject for GE category will be the *mean* (the average) of the marks obtained in that subject by all candidates who appear in both the papers.

- The common merit list will be prepared without any relaxed criteria so that the number of candidates in the list is equal to the total number of seats available in all the participating institutes put together. The minimum marks obtained by the candidates in the common merit list will be the aggregate cut-off for GE category.

    The merit lists for the reserved categories/subcategory will be prepared with the

following as the MQMR aggregate cut-off.

- For OBC: 90% of the MQMR and aggregate cut-off for GE category
- For SC/ST/PD: 50% of the MQMR and aggregate cut-off for GE category.

Moreover, SC/ST merit lists for preparatory courses will be prepared with a relaxation of 50% of the last qualified SC/ST candidate in the respective merit list.

- Separate merit lists for SC, ST, OBC and PD candidates will be prepared with different relaxed norms relevant to their categories. The total number of qualified candidates in any of these categories would be limited to 1.4 times the number of seats in that category.

Preparatory course

SC/ST/PD candidates not making to their respective merit lists will be considered for admission to preparatory courses with further relaxed norms as under:

Those who secured marks above subject as well as aggregate cut-offs for Preparatory Merit List with a further 50% relaxation and within 2 times the number of vacant seats.

Tie-Breaking

The criteria to be adopted for awarding ranks to the candidates who have scored the same aggregate marks in JEE-2011 will be as follows:

- For each subject, the mean (i.e., the average) mark is calculated on the basis of the marks obtained by those candidates who have qualified in the subject for ranking.

- Among the candidates having the same total marks, a candidate is ranked higher than the rest, if he/she scores higher marks in the subject having the lowest mean marks.

- If there is a tie after this procedure, then the marks obtained by the tied candidates in the subject with the second-lowest mean marks is considered. Candidates tied even after this procedure is given the same rank.

Reservation of seats

The extent of reservations in each programme for different reserved categories/subcategories will be as follows:

- SC: 15%
- ST: 7.5%

- OBC: 27%

- PD: 3% (within each of the above categories and GE)

PD candidates will undergo a medical examination for which medical boards will be constituted by the IITs. This is to assess the suitability of the candidate to undergo courses in engineering and science in the institutions.

Reservation to DS Category

- Two seats are available for preferential allotment of courses in each Institute for children of defence/paramilitary personnel killed or permanently disabled in action during war or peace-time operations (DS category) who qualify JEE.

- The candidate will have to submit a photocopy of the relevant certificate along with the application and to produce the certificate in original issued by a competent authority in the Directorate of Resettlement and Rehabilitation, New Delhi (under the Ministry of Defence, Govt. of India) or in the Ministry of Home Affairs, Govt. of India, as applicable.

- To avail this preferential allotment, candidates must qualify in the common merit list.

Extended Merit Lists

- It will be prepared by lowering the aggregate cut-off for the use of IMU, IISER, IISc, and other institutes.

- There will be only a single Merit List continuing from the last rank in common merit list (CML). The length of this rank list will be four times the total number of seats available in all the institutes seeking for the list. The Institutes seeking the merit list will be given the entire list including the CML so that those candidates who are in our CML but did not get admission in IITs can still stake their claim in the other institutes on the basis of their rank.

Only the CML will be published in the web. The authenticated full rank list will be given to other institutes seeking for it on payment of a fee as in the last year.

The details of the fees are:

- For MHRD Institutes Rs.2.0 Lakh
- For other government Institutions Rs 4.0 Lakh
- Private Institutions Rs.20.0 Lakh

C) Aptitude Test for Architecture & Design:

There will be a single paper for aptitude test for Architecture & Design. The schedule of these tests will be as follows:

June 10, 2011 (10 am to 1 pm)

The examination will be conducted at the zonal IITs.

D) Results and on-line Counselling

On-line choice sheet filling	**May 25 – June 17, 2011**
Web release of 1st allotment	**June 21, 2011**
Last date for payment of fee to accept the offer of admission made in the 1st allotment	**June 30, 2011**
Web release of 2nd allotment	**July 1, 2011**
Last date of payment of fee to accept the offer of admission made in the 2nd allotment	**July 6, 2011**
Web release of 3rd allotment	**July 10, 2011**

E) Organising Institute for JEE-2012

The Board decided that after IIT Madras and IIT Kanpur organising JEE in 2010 and 2011, respectively, IIT Delhi will be the Organising Institute for JEE-2012.

JOINT IMPLEMENTATION COMMITTEE (JIC) MEETINGS AND DECISIONS

Several meetings of the Joint Implementation committee consisting of Chairmen and Vice Chairmen of the various zones were conducted as per the following schedule:

Sl. No.	Operation	Date	Venue
1.	First Joint Implementation Committee Meeting for JEE-2011 (Post-JAB JIC)	Aug 22-23, 2010	IITK
2	Second JIC meeting (Posters, information brochure, application form, course availability, bank details, examination cities, Technical expertise for OMR scanning)	Oct 9-10, 2010	IITR
3	Third JIC Meeting (JIPS, Guide lines finalization etc.)	Jan 21-22, 2011	IITG
4	Fourth JIC Meeting (Pre-2nd JAB)	Feb 19-20, 2011	IITK
5	Fifth JIC meeting (handing over of keys)	March 30, 2011	IITD
6	Sixth Meting (Freezing of answer keys)	May 13, 2011	IITB
7	Pre Emergency JAB – JIC meeting	June 5, 2011	IITK
8	Seventh Meeting (Result preparation)	June 20-23 2011	IITK
9	Eighth JIC Meeting (First Round of Seat Allocation)	June 18-20, 2011	IITK
10	Ninth JIC (Third Round of Seat Allocation)	July 8-9, 2011	IITK
11	Tenth JIC (Feedback)	July 20, 2011	IITM
12	Pre JAB JIC Meeting for 2011 & 2012	August 25, 2011	IITD

Main Report and Tables   **A**

The important decisions and actions taken by the JIC are as follows:

1. The proposed schedule for the activities decided by the JICis given below:

S. No.	Operation	Date	Day
1	Release of Short Notification for JEE – 2011	30 September 2010	Thursday
2	Release of Wide Notification for JEE – 2011 in Rozgar Samachar, National Dailies	30 October 2010	Saturday
3	Commencement of application process : **Online:** 01/Nov./2010 to 15/Dec./2010 **Offline:** 12/Nov./2010 to 15/Dec./2010	01 November 2010 to 15 December 2010	Monday-Wednesday
4	Closing of Website for online application (17:30 hrs)	15 December 2010	Wednesday
5	Last date for receipt of completed application forms at IITs	20 December 2010	Monday
6	Dispatch of on-line Admit cards (last date)	14 March 2010	Monsday
7	JEE 2011 Examinations	10 April 2011	Sunday
	Results Declaration & Display of lists of candidates called for counselling (On-line)	25 May 2011	Wednesday
8	Online registration for Aptitude Test (through e-mail)	25 May 2011	Wednesday
9	On-line counselling (3 rounds), choice filling 25th May – 6th July, 2011	25 May 2011 6 July 2011	Wednesday Wednesday
10	Aptitude test for Architecture (In IITs)	10 June 2011	Friday
11	Website releases of Three Rounds of course allocation	21 June 2011 1 July 2011 10 July 2011	Tuesday Friday Sunday
12	Uploading of Admission Letter on website	10 July 2011	Sunday

2. JEE-2011 application procedure will be both on-line and off line through the banks as in previous years. IIT Madras will handle the on-line procedure due to already obtained infrastructure by them. IIT Kanpur will provide and maintain the IVRS facility, which will provide details on application status, admit card status, course allocation and seat allocation. IIT Kharagpur will maintain the server to provide information through SMS to the candidates. The websites and web related aspects will be handled by IIT Kanpur and IIT Delhi. Insurance for persons and activities will be managed by IIT Kharagpur.

3. To encourage more candidates for applying on-line, a 10% concession in the fee in the lines of GATE and JAM examinations was introduced. The fee for

GE/OBC/DS/PD candidates was Rs.900/- and for SC/ST/Female candidates it was Rs.450/-. A user-friendly On-line payment mode through Credit/Debit card and Internet banking were enabled like previous year.

4. Posters in English and Hindi with a special leaflet for SC/ST candidates, were prepared for the benefit of the candidates.

5. Enlarged Question Paper will be given only to PD(VI) candidates who produce National Identity card and certificate issued by the State / Central Commissioner for Persons with Disabilities.

6. The question papers were distributed using boxes of 2 types and 2 colours. The GREEN box was used for paper 1 and the YELLOW box for Paper 2. A special split box was designed with two colours where the corresponding papers could be stored. The distribution to various zones was through a private courier service.

7. A system of on-line choice sheet filling and payment of counselling as well as registration fees (JCOP) was introduced for the first time. The candidate could fill the choices using this facility and the data was captured directly in IIT Kanpur in the JCOP software. The candidate had to send the hard copies of the certificates, admission form and the medical certificate to the zonal chairman.

8. Medical examinations were conducted for PD and Preparatory PD candidates in Bombay, Delhi, Guwahati, Kanpur, Kharagpur and Madras zones.

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The summary of the pending cases relating to JEE 2011 is as follows:

WRITs/APPEALs/SLPs FILED IN CONNECTION WITH JEE-2011

SL No.	WRIT No. & COURT	FILED BY	STATUS
1.	SLP(C) No. 23055 of 2010	Mr. Rajeev Kumar	The petitioner had earlier filed a PIL, being Writ Petition (C) No. 2275/2010, in the High Court of Delhi highlighting the alleged irregularities, discrepancies and illegalities in conduct of JEE. The PIL was dismissed on 02.6.2010 on the grounds of the locus standi of the petitioner. Against the dismissal, the petitioner has filed the SLP impleading (1) MHRD, (2) IIT Council, (3) Chairman, JAB-2010, (4) Chairman, JAB-2011, and (5) IIT Kharagpur. This case is coming up for hearing on 16.8.2011.
2.	WP No. 1241 (S/S) of 2011 before High Court Allahabad (Lucknow Bench)	Mr. Diwank Singh Tomar	The petitioner contended that due to postal delay, his JEE Application could not be submitted in time. The writ petition was disposed of vide an order dated 14.03.2011 with a direction to JEE-2011 to issue the admit card to the candidate. The direction has since been complied with.
3.	CMWP No. 17520 of 2011 before High Court Allahabad	Mr. Sujeet Chaudhary	The petitioner had appeared for JEE-2010 but after allotment of seat, he did not seek admission and took refund of fee, after deducting Rs. 1000/-. Thus his application for JEE-2011 was rejected, against which he filed the Writ Petition. The writ was dismissed vide an Order dated 05.04.2011.
4.	CMWP No. 20345 of 2011 before High Court Allahabad	Mr. Rishabh Dwivedi	The petitioner had appeared for JEE-2010 but after allotment of seat, he did not seek admission and took refund of fee, after deducting Rs. 1000/-. Thus his application for JEE-2011 was rejected, against which he filed the Writ Petition. The writ was dismissed vide an Order dated 07.04.2011.
5.	Special Appeal No. 607 of 2011 before High Court Allahabad.	Mr. Sujeet Chaudhary	Filed against the Order dated 05.04.2011 passed by the Hon'ble High Court in the WP No. 17520 of 2011. During the course of hearing, the High Court had passed two interim orders dated 08.04.2011 (to allow him to appear in JEE-2011) and another dated 31.05.2011 to the effect that the appellant may be allowed to appear in the JEE-2011 Counselling provisionally.

6.	SLP (C) No. 15989 of 2011 before Supreme Court	IIT Kanpur Vs Sujeet Chaudary	Filed by IIT Kanpur against the impugned Order dated 31.05.2011 passed by the High Court. The Hon'ble Supreme Court has been pleased vide an Order dated 04.07.2011 to set aside the interim order dated 31.05.2011. The SLP is finally disposed of.
7.	WP (Civil) No. 264 of 2011 before Supreme Court	Mr. Abhishek & 7 Others	The petitioner had raised doubts over Answer Keys of certain questions of JEE-2011. The Hon'ble Supreme Court disposed of the said writ vide an Order dated 24.05.2011, directing Chairman, JEE to dispose of representations of the petitioners within 7 days. The Representations have since been disposed of.
8.	WP No. 21211 of 2011 before the Hon'ble High Court of Karnataka at Bangluru	Mr. Prateek R. Hundekar	Petitioner had applied for JEE-2011 under GE category. After declaration of result he submitted certificate for OBC (NCL). Case is coming up for final hearing on 11.8.2011.
9.	CMWP No. 34226 of 2011 before High Court Allahabad	Ms. Himangi Singh	The petitioner sought for change of her category from General to OBC (NCL). The writ petition was disposed of vide an Order dated 13.06.2011 directing Chairman, JEE-2011 to decide her representation. In compliance, her representation has since been disposed of.
10.	CMWP No. 34861 of 2011 before High Court Allahabad	Shri Pradeep Kumar	The petitioner has agitated that he had attempted to appear for online counselling on the basis of correct UTR No. which was provided by the Punjab National Bank, but has failed to do so. He therefore prayed for considering him for next rounds of JEE Counselling. CA has been filed on behalf of the Institute and the case shall come up for hearing in the next cause list.
11.	WP No. 17734 of 2011 before Hon'ble High Court of AP at Hyderabad	Ms. Sapavath Amitha	The petitioner has alleged that after locking the choices on JCOP Portal, her choices dated 16.06.2011 were allegedly changed by someone. This Writ Petition is being monitored by IIT Madras.

12.	WP No. 17675 of 2011 before Hon'ble High Court of Kerala at Ernakulam	Mr. Akash K.C.	The petitioner has agitated to consider him under OBC (NCL) category as he was not able to submit his Caste Certificate (OBC (NCL)) in time due to non-receipt of the same from the concerned authorities. The Hon'ble Court Kerala had passed an order dated 30.06.2011 that the allotment will be subject to the result of Writ Petition. The case is presently being monitored by IIT Madras
13.	WP No. 37081 of 2011 before High Court Allahabad	Mr. Nikhil Raj	The petitioner requested for an opportunity to submit the Admission Fee beyond due date. The subject writ petition has been disposed of vide an Order dated 08.07.2011 by the Hon'ble High Court Allahabad, with a direction that the petitioner may submit his representation before the concerned authorities for appropriate disposal of his grievance. The petitioner has been allowed to submit the fee and a seat was allotted to him.
14.	WP No. 44010 of 2011 before High Court Allahbad	Ms. Kritika Kulshrestha	The petitioner agitates that just after filling-in 14 choices on 28.5.2011, the web-site tripped and did not allow her to log further choices. CA has been filed and the case is coming up final arguments on 10.8.2011.

STATISTICAL ANALYSIS OF JEE 2011 APPLICATIONS

The zone wise distribution of the total number of appeared and qualified candidates along with their category are given in **Tables A1 and A2**. Out of a total of 485136 (in JEE-2010 – 473982) candidates who registered in all zones, 468280 (in JEE-2010 –455571, 96.1%) candidates (96.5%) appeared for the examination. This is an increase of 2.71% over the JEE 2010 figure of 455571 candidates who appeared for the examination. A total of 13196 (2.82%) (in JEE-2010 –12676, 2.87%) candidates qualified for counselling. There was an increase of 3.94% over the figure of 12676 candidates eligible for counselling in JEE 2010.

The zone wise distribution of qualified candidates is: Bombay 3248 (24.6%) (in JEE-2010 –3145, 24.8%), Delhi 2106 (15.9%) (in JEE-2010 –2264, 17.86%), Guwahati 534 (4.04%) (in JEE-2010 –521, 4.1%), Kanpur 1523 (11.54%) (in JEE-2010 –1341, 10.58%), Kharagpur 1511 (11.4%) (in JEE-2010 –1481, 11.68%), Madras 3049 (23.1%) (in JEE-2010 –2619, 20.66%) and Roorkee 1225 (9.28%) (in JEE-2010 –1305, 10.3%). The percentages are comparable with the data of JEE 2010.

Category-wise distribution

The Category wise distribution of appeared candidates is shown in **Table A1**. 56.98% of the candidates who appeared in JEE 2011 are GE candidates, 29.4% are OBC candidates, 9.65% are SC candidates and 3.87% are ST candidates.

The Category wise distribution of qualified candidates is shown in **Table A2**. 61.7% of the candidates present in the Common Merit List (CML) are GE candidates, 17.8% are OBC candidates, 14.77% are SC candidates, 4.87% are ST candidates and 0.773% are PD candidates.

The data in terms of appeared and qualified candidates are similar to that of JEE 2010.

PD candidates

Table A3 shows the number of PD candidates who appeared and qualified zone wise. It is observed that a total number of 2267 PD candidates have appeared (In JEE-2010, 2775 PD candidates appeared and 175 candidates qualified) and 146 out of them have qualified (6.44%) for JEE-2011.

Gender wise distribution

Tables A4 and A5 show the zone wise distribution of appeared and qualified candidates according to gender. The number of female candidates appeared in JEE-2011 is 108653,

which is 23.2% of the total appeared candidates. Out of the 13196 candidates who qualified, 1443 are female candidates (10.93%). In JEE 2010, 113063 female candidates appeared (24.82%) and 1424 qualified (11.2%).

Based on Language of Question paper

The distribution of candidates according to question paper language is given in **Tables A6 and A7**. Out of the 468280 appeared candidates 67706 candidates chose the Hindi question paper (14.46%). Bombay zone had 31622 candidates (38.27% for that zone) and Kanpur zone had 20021 candidates (25.65% for that zone) who chose the Hindi question paper. Out of the 13196 qualified candidates, 517 candidates had written JEE 2011 using a Hindi question paper (3.92%). In JEE 2010, 61655 candidates had used the Hindi question paper (13.54%) with Bombay and Kanpur zones showing high percentages. Out of the 12676 qualified candidates, 474 candidates had used the Hindi question paper (3.74%).

Type of preparation

Candidates appearing for JEE prepare either through "self study" or through "specialized teaching (other)". Data (**Table A8**) for JEE 2011 shows that 295618 out of 468280 (63.1%) have prepared using "self study". Out of the 13196 candidates who qualified, 4912 (37.22%) have used the "self study" mode. In JEE 2010, 66.97% of the appeared candidates had chosen to mark "self study" in their OMRs, while 5089 out of 12676 (40.15%) qualified candidates had used the "self study" mode of preparation. It is to be noted that data points out to more appeared candidates opting "self study" contrary to the popular view otherwise.

Board of qualifying examination

Table A9 shows the data on appeared and qualified candidates based on the Board of Qualifying examination. It is observed that 20315 out of 468280 (4.34%) of the appeared candidates were from ICSE and 49% were from State Board, whereas 45.7% appeared candidates were from CBSE board. Out of the 13196 qualified candidates, 543 were from ICSE (4.11%), 7396 from CBSE (56%), and 5195 from State Board (39.4%). In JEE 2010, 45.47% of the appeared candidates were from CBSE and 49.35% were from State Board. In JEE 2010, among the qualified candidates 57.93% were from CBSE, 36% from State Board and 5.54% from ICSE. It is to be noted that 3.46% of the appeared candidates from CBSE Board qualified while this percentage is 2.26 for State Board and 2.67 for ICSE. It is noted that the participation and the performance of the candidates from State Boards have improved in JEE-2011 in comparison to previous years.

According to place of schooling

Table A10 shows data on the candidates according to their place of schooling of 10th class. It is observed that out of the 468280 candidates who appeared, 86719 (18.5%) had their schooling in villages. Another 135403 (28.9%) did their schooling in towns and 246080 (52.55%) in cities. Among the 13196 qualified candidates, 9.84% had their schooling in villages, 25.12% in towns and 65.03% in cities. Guwahati zone showed the largest percentage of candidates with schooling in villages while Delhi zone showed the largest percentage from cities. JEE 2010 data also indicates that Guwahati zone has the largest percentage of candidates with schooling in villages while Delhi zone showed the largest percentage from cities. The ratio of qualified to appeared candidates is largest for city (3.49% in 2011 and 3.5% in JEE 2010).

According to education of parent

Table A11 shows data for JEE 2011, classified according to the education of the parents. Out of the 468280 candidates who appeared, 166983 candidates had both the parents as graduates (35.6%). Another 156146 had one of them as graduates (33.3%) while 145007 had neither as graduates (30.9%). Out of the 13196 candidates qualified, 54.66% candidates had both the parents as graduates while 28.3% had one of the parents as graduates and 16.97% candidates had neither of the parents as graduates. In JEE 2010, the figures for the appeared candidates were 33.6%, 33.14% and 31.02% and for the qualified candidates the percentages were 50.36%, 31.75% and 17.49%.

According to occupation of parents

Table A12 shows data for JEE 2011 according to occupation of parents. It is observed that 158549 out of the 468280 candidates who appeared have their parent in teaching service (33.8%). This is the largest percentage among several occupations such as agriculture, business, government service, private, law, medicine etc. The smallest percentage is for Engineering Service (1.16%). Among the 13196 candidates qualified, 39.4% candidates had their parent in teaching service while 1.01% had their parent from the engineering profession. In JEE 2010 the largest percentage for appeared candidates was for government service (33.5%) and the largest % for qualified candidates was for government service (38.19%). In JEE 2010 the smallest % for qualified candidates based on occupation was for legal (1.03%).

According to parental income

Table A13 shows the zone wise distribution of candidates according to annual income of parents. Out of the 468280 candidates who appeared, 146882 (31.36%) had a parental income of less than 1 Lakh. 195220 candidates (41.69%) had a parental income between

1-3 Lakhs. Another 19.3% have a parental income between 3-6 Lakhs, while 4.87% have parental income between 6-10 Lakhs. 12520 candidates (2.67%) have parental income exceeding 10 Lakhs. The percentages for qualified candidates for the five slabs of parental income are 17.1%, 31.7%, 30.47%, 11.86% and 8.86% respectively. The income slabs used in JEE 2010 data analysis was more or less similar. However it is observed that a large percentage of appeared as well as qualified candidates belong to the low to middle income groups.

According to mother tongue

Table A14 shows data on appeared and qualified candidates based on mother tongue. Among the 468280 appeared candidates, 319054 (68.13%) have Hindi as mother tongue. Among the 13196 qualified candidates, 7611 candidates (57.68%) have Hindi as mother tongue. This percentage is lowest for Sanskrit, where only one candidate with Sanskrit as mother tongue qualified. Few candidates had marked "English" as mother tongue perhaps confusing it with "medium of instruction". The percentage of candidates with the various languages as mother tongue among the qualified candidates are: Assamese =0.41%, Bengali =3.22%, Gujarati =1.75%, Hindi =57.68%, Kannada =1.01%, Kashmiri =0.09%, Malayalam =1.99%, Marathi =5.06%, Oriya =1.48%, Punjabi =2.85%, Sanskrit =0.007%, Sindhi =0.48%, Tamil =2.56%, Telugu =18.85%, Urdu =0.61%, Others =1.62%.

JEE 2009 data shows comparable figures for Hindi as mother tongue (67.06% among the appeared candidates and 59.43% among the qualified candidates).

State/UT wise success rate

The data shown in **Table A15** reveals that the Andhra Pradesh (2693) has the highest success rate (in terms of qualified candidates) followed by Rajasthan (1931). These figures are consistent with the data of JEE 2010 and with available data to show that a large number of JEE coaching centres operate out of these two states. Three other states Uttar Pradesh (1604), Delhi (1197) and Maharashtra (1049) have more than thousand qualified candidates. Andaman & Nicobar, Arunachal Pradesh, Manipur, Meghalaya, Sikkim, Tripura and others (Dubai) have less than 10 qualified candidates.

Some cities have achieved high success rates in JEE 2011. City wise data is presented in **Table A16**. Jaipur leads with 1458 candidates followed by Hyderabad with 1307 candidates. Thirty five cities reported more than 100 qualified candidates while thirty one cities reported less than 10 qualified candidates.

TREND ANALYSIS

Trend analysis has been carried out using historical data. Table B1 captures the trend in the number of registered candidates for the last 15 years. The number of candidates registered shows a more than 5-fold increase in the last 15 years, reaching an all time high of 485136 total registered candidates in the year 2011. The increase in the number of total registered candidates in 2011 as compared to the same in 2010 is however only about 2 %, as compared to about 19 % increase from 2009 to 2010.

Analysis of zone-wise data shows that the maximum increase in the number of registered candidates as compared to 2010 was in the IIT Guwahati zone (about 20 % , taking into account the fact that Gorakhpur was transferred to IIT Kanpur zone). Other zones showing an increase in the number of registered candidates as compared to 2010 are Bombay (about 6 % increase), Kharagpur (about 3 % increase), and Roorkee (less than 1 % increase). In Delhi and Madras zones, the number of registered candidates as compared to last year went down by about 4%. In Kanpur zone also there is a slight decrease (about 1.5 %) in the number of registered candidates as compared to 2010, if the candidates registered for Gorakhpur centers (7596 candidates) are not counted.

 Table B2 captures the trend in terms of the candidates belonging to various categories. The number of GE candidates has increased approximately **two** times in the last ten years, whereas, over the same period, the number of SC and ST candidates has increased **four** and **six** times, respectively. This may be attributed to the increase in the number of seats available in the various reserved categories and due to the importance given to JEE by the eligible students in the various categories.

Table B3 captures the trend in terms of the language of question paper used. Approximately 85 % of the candidates used English question paper and about 15% used the Hindi question paper in the JEE- 2011. Thus, there is an increasing trend in the percentage of candidates opting for Hindi question paper. Between 2003 and 2005, this figure was about 90 % for English and 10 % for Hindi.

Table B4 captures the trend in terms of number of attempts. In JEE-2011, about 80 % of the candidates have attempted JEE for the first time and about 20 % have attempted JEE for the second time. As can be seen in Table B4, since 2007, a candidate is allowed a maximum of two attempts in JEE.

Table B5 captures the gender-wise trend in the number of registered candidates. Fifteen years ago, the percentage of female candidates registered was close to 10 to 11 %. In recent years (2008 to 2011), this percentage is 23 to 25 %. This shows a tremendous increase in the number of female candidates appearing in JEE. While earlier 1 out of 10 registered candidates was female, now it is approaching close to 1 female candidate for every three male candidates.

COUNSELLING AND SEAT ALLOCATION STATISTICS

The availability of seats and the allotment statistics are shown in Tables C1 and C2. This shows that we have allotted 9304 seats against the 9627 seats available. Only 12 SC seats (all in architecture) have not been allotted in the GE/OBC and SC categories. The vacant seats in ST and PD categories are carried to the preparatory course. The statistics related to counselling and course allocation is given in Table C3.

Table C4 captures the number of candidates from each zone offered seats in the 17 institutions. Large number of candidates from Bombay and Madras zones have joined the respective IITs. Table C5 captures the data on the number of allotted candidates based on number of attempts. 58% of the candidates have qualified in the first attempt while 42% in the second attempt. The percentage of second attempt candidates is higher in ISM Dhanbad, IT BHU, and IIT Rajasthan. This could be due to the choice of branches of the candidates. Table C6 shows that about 90% of the candidates allotted seats are male while 10% are female. This is consistent with the data for 2010.

Table C7 shows statistics on the number of candidates called for and allotted seats to the preparatory courses. This year the SC category merit list had more students than the number of seats available in the SC category. All SC candidates meeting the cut-off were called for counselling for seats. Therefore we did not call SC candidates for the preparatory course. Table C8 shows the availability and allotment of seats to the various institutes for the preparatory course. Table C9 shows the zone wise distribution of the candidates for the preparatory course. It is to be noted that Table C7 shows the data in terms of where the medical examination was conducted.

Tables C10 to C14 show the distribution of candidates in the various brackets of ranks in the CML and in the various categories.

Out of 2545 candidates selected in the OBC merit list of JEE-2011, some belonged to OBC(CL), some were offered non-reserved seats, and some did not give enough choices of course-cum-institute appropriate to their ranks. Therefore, only 2090 reserved seats were offered to OBC candidates. The other 436 seats reserved for OBC had to be dereserved. The total number of unfilled seats in various categories are: GE: 0, OBC: 0 (dereserved to GE), SC: 12, ST: 132, and PD: 201.

 JEE-2011 Result Analysis
JEE-2011 Question paper

JEE-2011 had two papers; each paper had three parts - Chemistry, Physics, and Mathematics. In both the papers, parts 1, 2, and 3 contained questions from Chemistry, Physics, and Mathematics, respectively. In Paper-1, each part had 23 questions and in Paper-2 each part had 20 questions. The questions were numbered consecutively in both the papers.

In Paper-1, each part had four sections. Section-1 had 7 multiple choice questions each having one correct answer with maximum of 3 marks; Section-2 had 4 multiple choice questions each having one or more correct answer(s) with maximum of 4 marks; Section-3 had 5 multiple choice questions in 2 paragraphs with maximum of 3 marks; and Section-4 had 7 integer answer type questions each having maximum of 4 marks. There were negative markings for wrong answers in Sections-1 and 3, but no negative markings in Sections-2 and 4.

In Paper-2, each part had four sections. Section-1 had 8 multiple choice questions each having one correct answer with maximum of 3 marks; Section-2 had 4 multiple choice questions each having one or more correct answer(s) with maximum of 4 marks; Section-3 had 6 integer answer type questions each having maximum of 4 marks; and Section-4 had 2 matrix type questions each having four rows and each row had maximum of 2 marks. There were negative markings for wrong answers in Section-1, but not in Sections 2, 3 and 4.

A candidate could have scored anything between −36 to 240 in Paper-1, and between −24 to 240 in Paper-2. That is, marks of a candidate might have taken any value between −60 to 480, with the minimum and maximum possible marks in each subject being −20 and 160, respectively. Due to ambiguities/incorrect ness in questions, 12 marks were awarded to all candidates for 3 questions of Mathematics, whether the student attempted those questions or not. Therefore, the minimum possible marks would be −48 instead of −60 and the minimum possible marks in Mathematics would be −8 instead of −20.

Relaxations of 10% and of 50% were given on the average marks in each subject for considering the OBC and SC/ST/PD category candidates for ranking.

The minimum mark scored was −38 (minus thirty eight) and the maximum mark was 440. The rounded off average marks secured in Chemistry, Physics, and Mathematics by the candidates were 20, 20, and 34, respectively. The following are a few observations regarding the performance of candidates in JEE-2011.

1. The highest aggregate marks scored by a candidate in JEE-2011 were 440, that is, 91.7 % of 480 marks.
2. Only 38 candidates scored above 400 marks. 438 candidates scored above 350 marks.
3. The mark scored by the last ranked candidate in the Common Merit List (CML) was 229. This was the aggregate cut-off for CML.
4. The maximum marks scored out of 160 in Chemistry, Physics, and Mathematics were 138, 156, and 154 marks.
5. The number of candidates who scored more than 130 in Chemistry, Physics, and Mathematics were respectively 17, 281, and 658, respectively.
6. The minimum marks scored in Chemistry, Physics, and Mathematics by candidates in CML were 23, 28, and 34, respectively. In fact, there were many candidates with relatively poor performance in a particular subject despite having high aggregate marks.

It is observed that there had been very low cut-off marks in individual subjects in JEE for the past few years. Since time management skill has more effect in a competitive examination like JEE, the low marks scored in a particular subject along with high aggregate score does not necessarily establish the candidate's low proficiency in that subject. Therefore, minimum level of proficiency in each of the three subjects, even though with low individual cut-off scores, as demanded in JEE is reasonable.

A frequency distribution of candidates according to their marks in the three subjects and the aggregate marks are presented in the following figures. It may be noted that each of the graphs in the figures is highly skewed towards the left. Though the range of possible scores of a candidate in Chemistry and Physics is -20 to 160, and that in Mathematics is from -8 to 160, the rounded off means (20, 20 and 34) of these distributions are much lower than the mid points of the modes. The distributions of the subject marks are almost identical with that of the aggregate marks.

Chemistry Marks Distribution

Physics Marks Distribution

Mathematics Marks Distribution

Total Marks Distribution
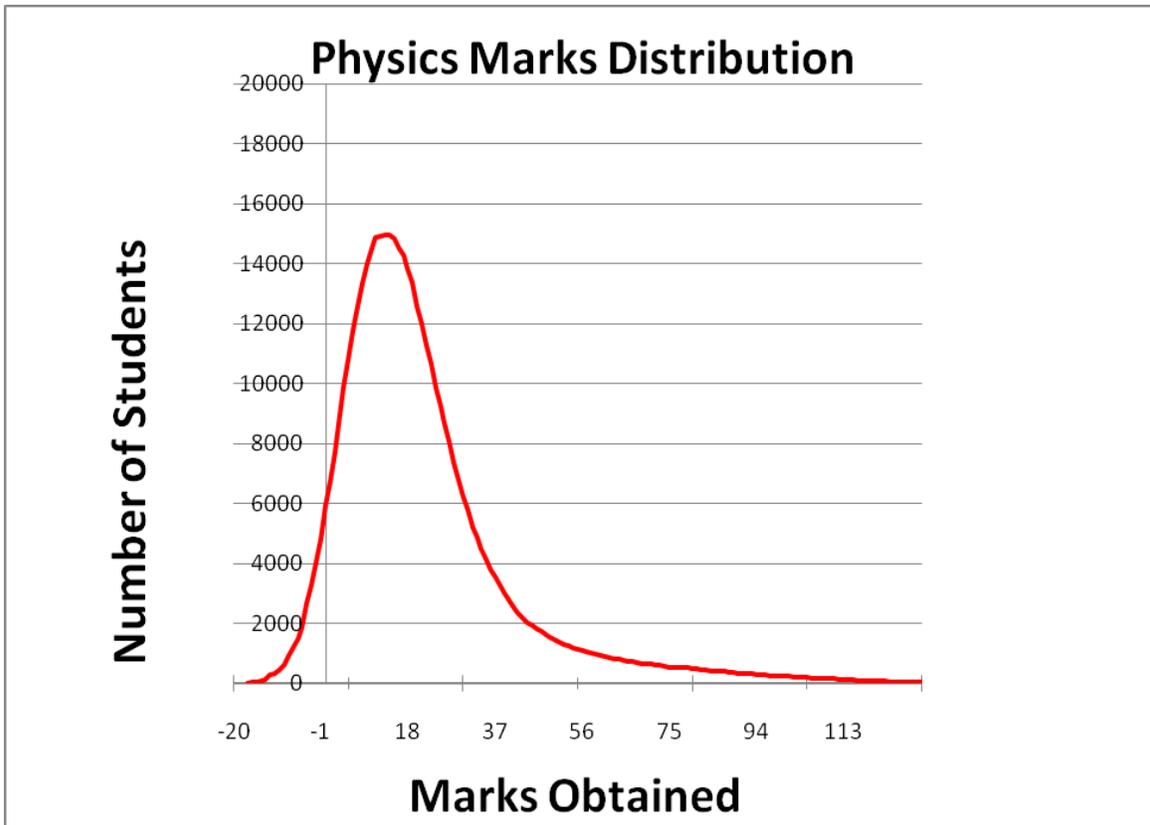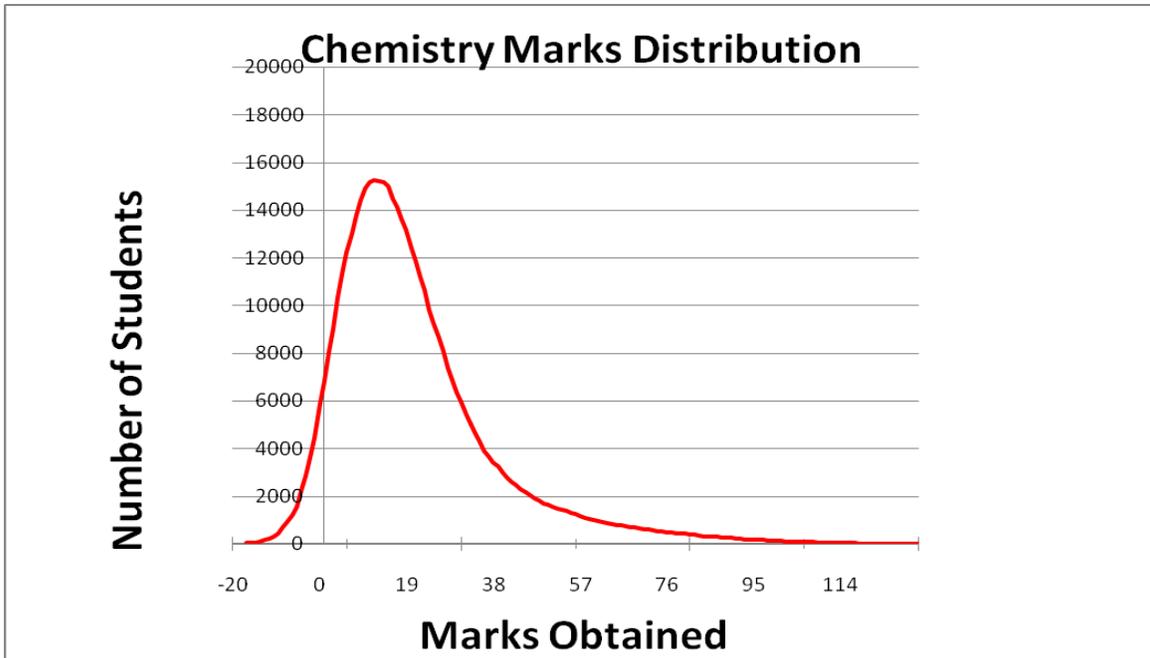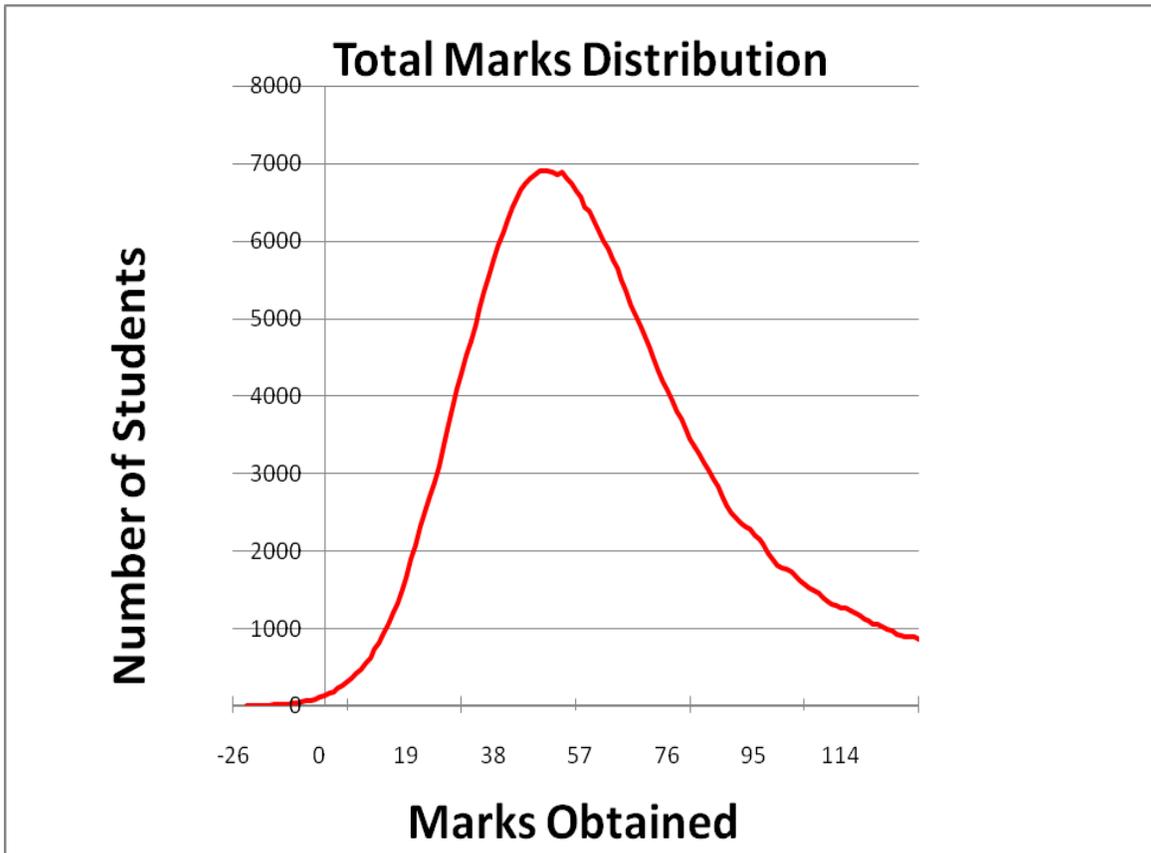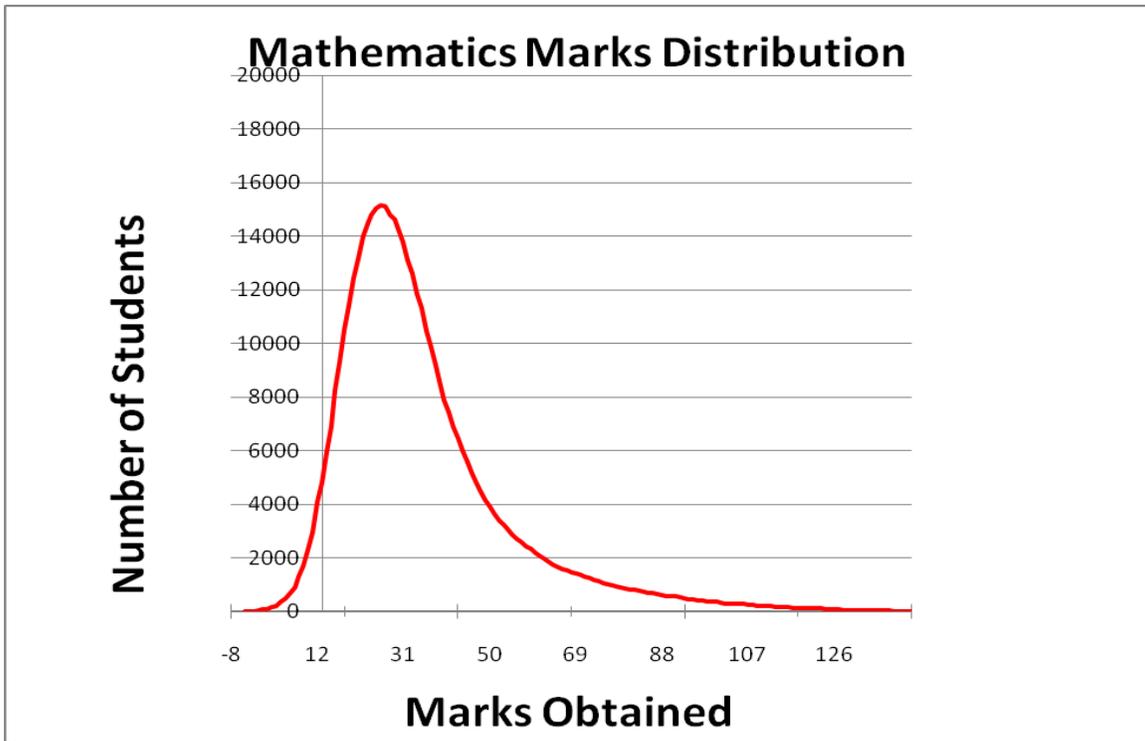
Since the aim of the JEE is to single out about 10000 best candidates out of about 5 lakh candidates, the questions are framed with high level of difficulty. The highest score in JEE-2011 is 440 out of 480, i.e, 91.7%. This was 85.5% in JEE-2010, 88.3% in JEE-2009 and 88.5% in JEE-2008. Looking at the competitiveness of the examination, the highest score is up to the mark. It is also evident that the difficulty level of the question papers in JEE-2011 has been decreased substantially. The question paper setters were given guidelines to frame questions in such a way that at least 30% of the questions can be attempted by any candidate with good preparation for the board examinations.

Main Report and Tables   **A**

Table A1 – Registered and Appeared candidates

Zone	Total Registered	Total appeared					% appeared
		GE	OBC	SC	ST	Total	
Bombay	85146	41712	25805	8435	6670	**82622**	97.04
Delhi	70793	47019	13587	6148	1495	**68249**	96.41
Guwahati	58610	24234	25947	4176	2101	**56458**	96.33
Kanpur	80348	43962	24407	8823	865	**78057**	97.15
Kharagpur	63016	34956	16132	5560	3881	**60529**	96.05
Madras	65612	33847	20758	5912	2363	**62880**	95.84
Roorkee	61611	41123	11479	6128	755	**59485**	96.55
Total	**485136**	266853	138115	45182	18130	**468280**	96.53

Chart Title (Table A1)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
■ Registered	85146	70793	58610	80348	63016	65612	61611
■ Appeared	82622	68249	56458	78057	60529	62880	59485
■ qualified	3248	2106	534	1523	1511	3049	1225

categorywise distribution (Table A1)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee	Total
■ GE	41712	47019	24234	43962	34956	33847	41123	266853
■ OBC	25805	13587	25947	24407	16132	20758	11479	138115
■ SC	8435	6148	4176	8823	5560	5912	6128	45182
■ ST	6670	1495	2101	865	3881	2363	755	18130
■ Qualfied	3248	2106	534	1523	1511	3049	1225	13196

Main Report and Tables

Table A2 – Number of Qualified candidates

Zone	Total Appeared	Total qualified						
		GE	OBC	SC	ST	PD	Total	%
Bombay	**82622**	1977	543	428	278	22	3248	3.93
Delhi	**68249**	1498	260	276	54	18	2106	3.09
Guwahati	**56458**	227	203	74	17	13	534	0.95
Kanpur	**78057**	941	270	276	27	9	1523	1.95
Kharagpur	**60529**	875	287	266	64	19	1511	2.50
Madras	**62880**	1764	668	426	174	17	3049	4.85
Roorkee	**59485**	865	124	203	29	4	1225	2.06
Total	**468280**	8147	2355	1949	643	102	13196	2.82

Total Qualified zone wise (Table A2)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
■ GE	1977	1498	227	941	875	1764	865
■ OBC	543	260	203	270	287	668	124
■ SC	428	276	74	276	266	426	203
■ ST	278	54	17	27	64	174	29
■ PD	22	18	13	9	19	17	4
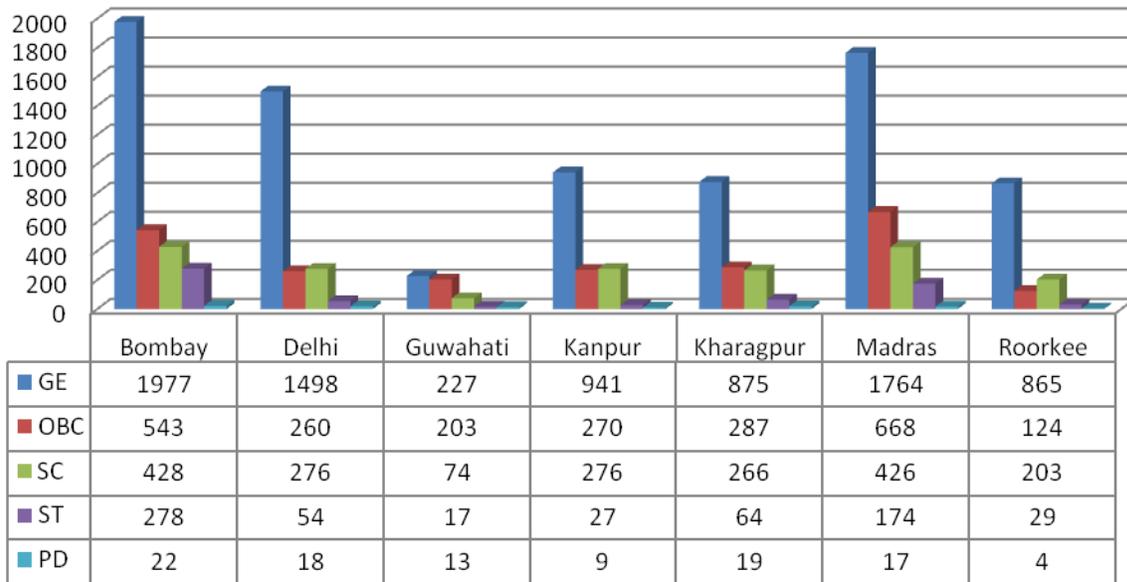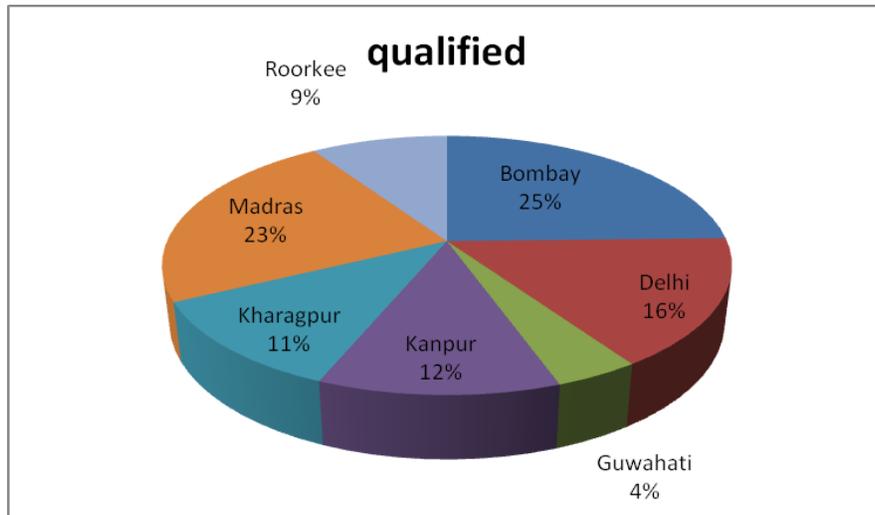
Table A3 – Number of appeared and qualified PD candidates in each zone

Zone	Total appeared	Total qualified	%
Bombay	280	26	9.29
Delhi	251	26	10.36
Guwahati	537	17	3.17
Kanpur	421	16	3.80
Kharagpur	289	23	7.96
Madras	242	32	13.22
Roorkee	247	6	2.43
Total	2267	146	6.44

Zonewise PD Appeared and Qualfied (Table A3)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
■ Qulified	26	26	17	16	23	32	6
■ PD_appered	280	251	537	421	289	242	247
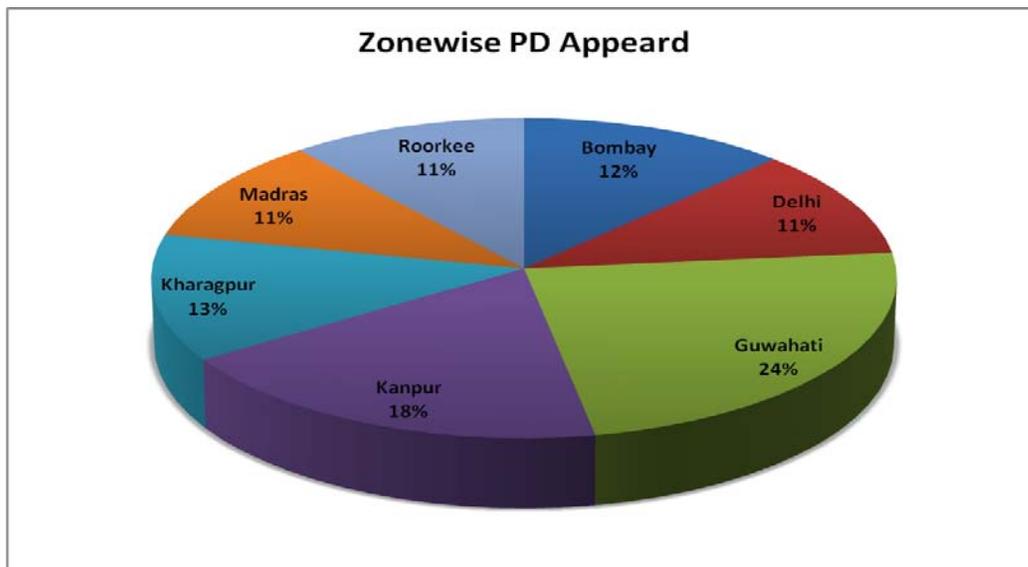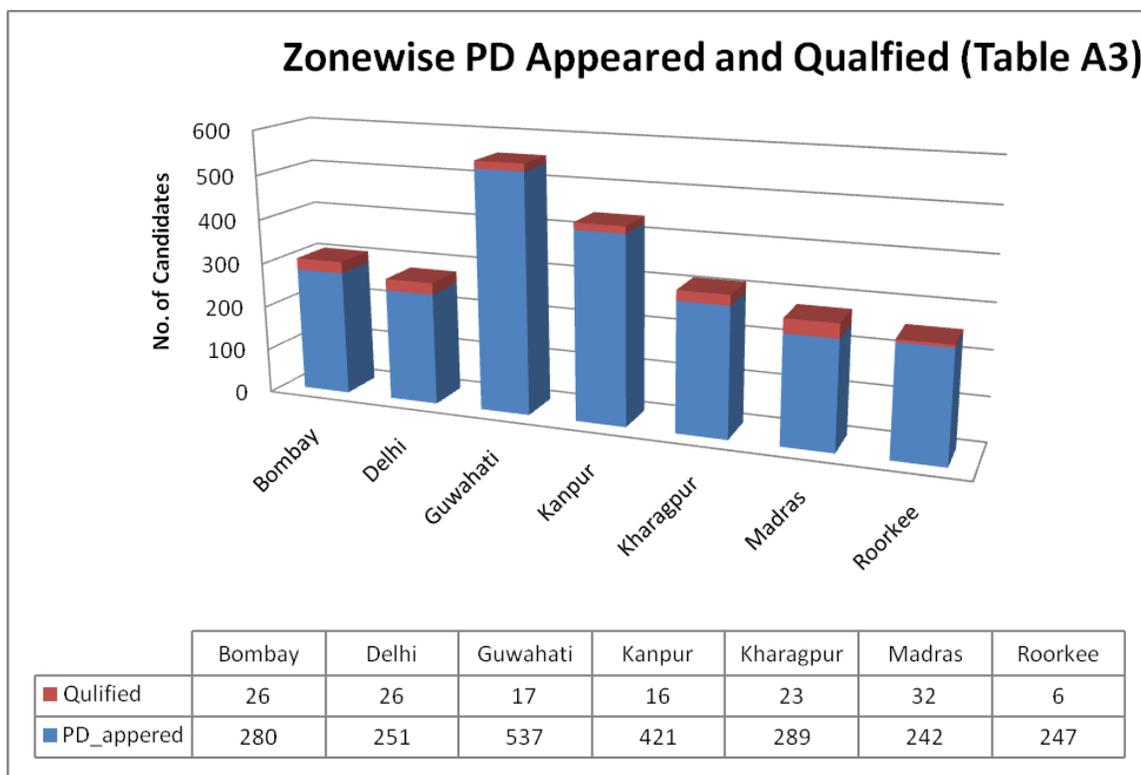
Table A4 – Zone wise distribution of appeared candidates according to gender

Zone	Male	Female	%male	% female
Bombay	66820	15802	80.87	19.13
Delhi	52168	16081	76.44	23.56
Guwahati	46427	10031	82.23	17.77
Kanpur	61861	16196	79.25	20.75
Kharagpur	45562	14967	75.27	24.73
Madras	43609	19271	69.35	30.65
Roorkee	43180	16305	72.59	27.41
Total	359627	108653	**76.80**	**23.20**

Zone wise Appeared male & Female (Table A4)

■ Male ■ Female

Zone	Male	Female
Bombay	66820	15802
Delhi	52168	16081
Guwahati	46427	10031
Kanpur	61861	16196
Kharagpur	45562	14967
Madras	43609	19271
Roorkee	43180	16305
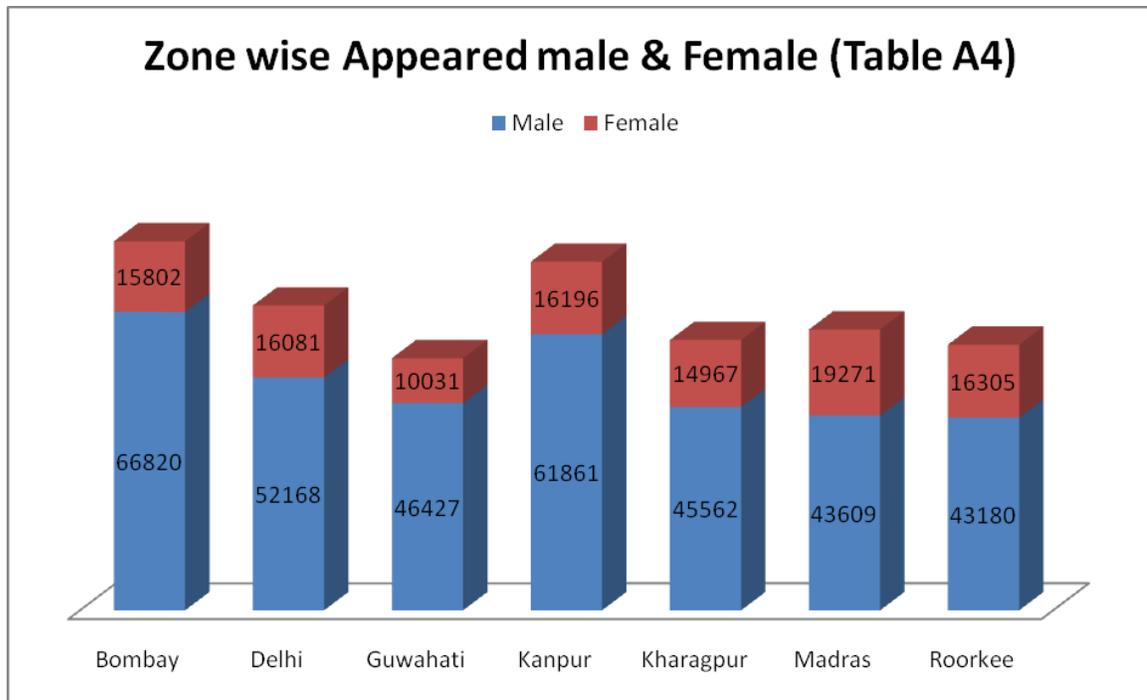
Table A5 - Zone wise distribution of qualified candidates according to gender

Zone	Male	Female	Total	%male	% female
Bombay	2921	327	3248	89.93	10.07
Delhi	1890	216	2106	89.74	10.26
Guwahati	491	43	534	91.95	8.05
Kanpur	1365	158	1523	89.63	10.37
Kharagpur	1364	147	1511	90.27	9.73
Madras	2628	421	3049	86.19	13.81
Roorkee	1094	131	1225	89.31	10.69
Total	11753	1443	13196	89.06	10.94
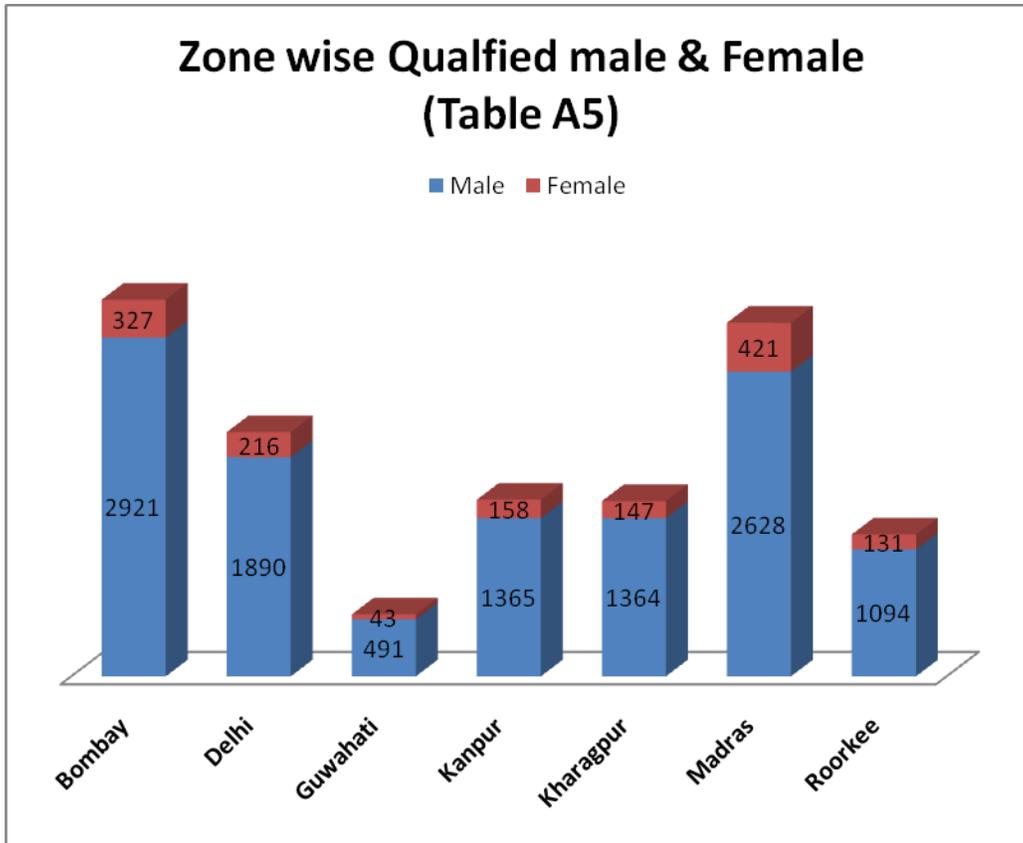
Table A6 - Zone wise distribution of appeared candidates according to language of question paper

Zone	English	Hindi	%English	% Hindi
Bombay	51000	31622	61.73	38.27
Delhi	63179	5070	92.57	7.43
Guwahati	55081	1377	97.56	2.44
Kanpur	58036	20021	74.35	25.65
Kharagpur	56739	3790	93.74	6.26
Madras	62870	10	99.98	0.02
Roorkee	53669	5816	90.22	9.78
Total	400574	67706	**85.54**	**14.46**

Table A7 - Zone wise distribution of qualified candidates according to language of question paper

Zone	English	Hindi	%English	% Hindi
Bombay	2824	424	86.95	13.05
Delhi	2068	38	98.20	1.80
Guwahati	534	0	100.00	0.00
Kanpur	1487	36	97.64	2.36
Kharagpur	1507	4	99.74	0.26
Madras	3048	1	99.97	0.03
Roorkee	1211	14	98.86	1.14
Total	12679	517	96.08	3.92

Zone wise Appered Question Paper language (Table A6, A7)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
Hindi	31622	5070	1377	20021	3790	10	5816
English	51000	63179	55081	58036	56739	62870	53669

Zone wise Qualfied Qustion Paper (Table A6, A7)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
■ Hindi	424	38	0	36	4	1	14
■ English	2824	2068	534	1487	1507	3048	1211
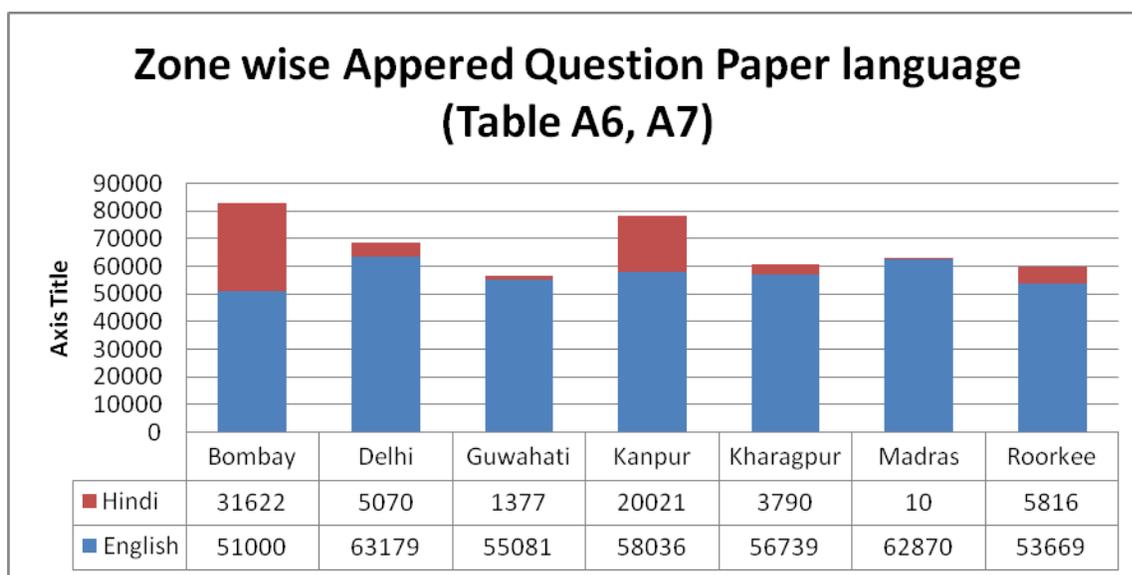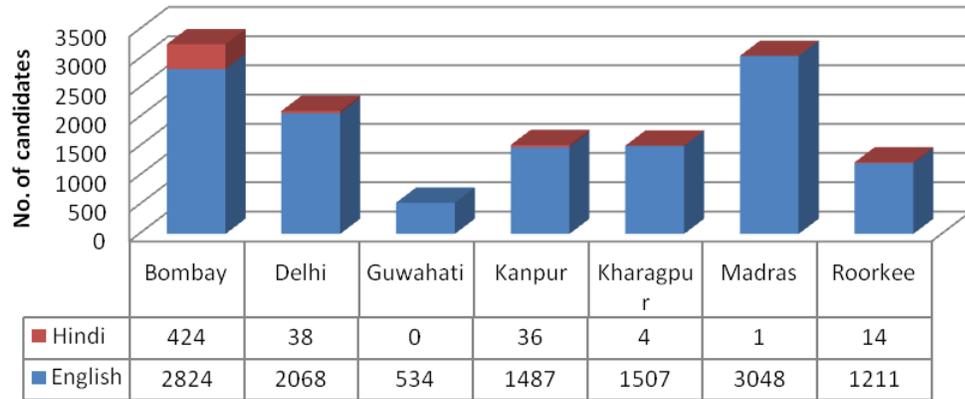
Zone wise question paper distribution (Table A6, A7)

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee
■ Qualified Hindi	424	38	0	36	4	1	14
■ Qualified English	2824	2068	534	1487	1507	3048	1211
■ Appered Hindi	31622	5070	1377	20021	3790	10	5816
■ Appered English	51000	63179	55081	58036	56739	62870	53669

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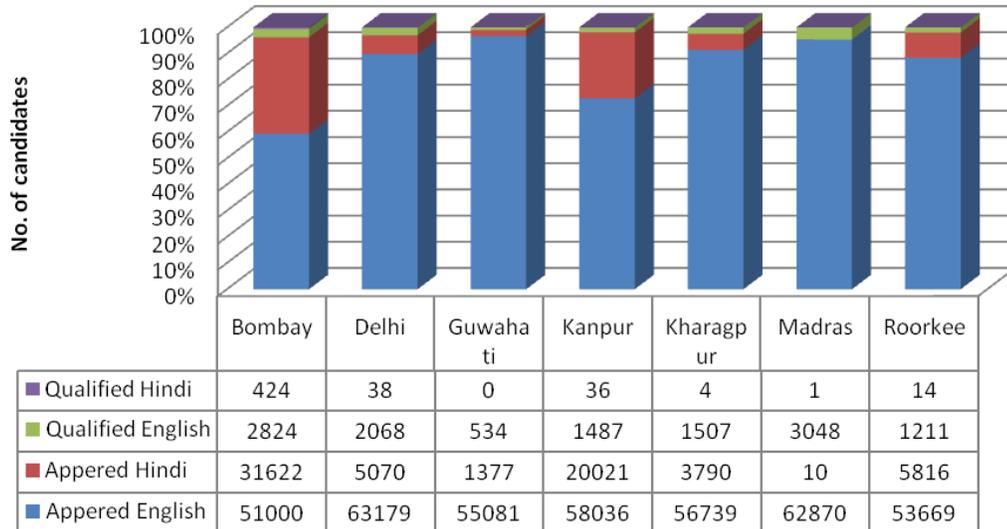
Table A8 - Zone wise distribution of candidates according to type of study

Zone		Self study	Others
Bombay	Appeared	53573	29049
	Qualified	1305	1943
	%	2.44	6.69
Delhi	Appeared	43246	25003
	Qualified	691	1415
	%	1.60	5.66
Guwahati	Appeared	32069	24389
	Qualified	206	328
	%	0.64	1.34
Kanpur	Appeared	50858	27107
	Qualified	531	992
	%	1.04	3.66
Kharagpur	Appeared	39338	21119
	Qualified	661	850
	%	1.68	4.02
Madras	Appeared	36934	25892
	Qualified	1008	2041
	%	2.73	7.88
Roorkee	Appeared	39600	19822
	Qualfied	510	714
	%	1.29	3.60
Total	Appeared	295618	172381
	Qualified	4912	8283
	%	1.66	4.81

Study type of Appered Candidates (Table A8)

	Bombay		Delhi		Guwahati		Kanpur		Kharagpur		Madras		Roorkee	
Others	29049	1943	25003	1415	24389	328	27107	992	21119	850	25892	2041	19822	714
Self Study	53573	1305	43246	691	32069	206	50858	531	39338	661	36934	1008	39600	510

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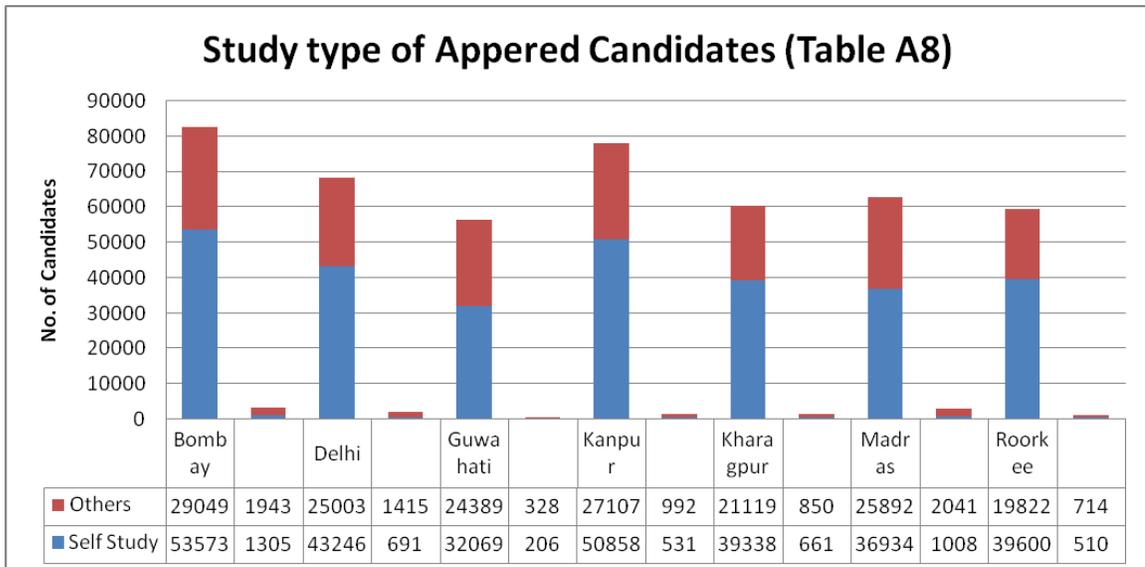
Table A9 - Zone wise distribution of candidates according to Board affiliation

Zone		CBSE	ICSE	State Board	Others
Bombay	Appeared	23818	1014	57419	371
	Qualified	1612	47	1580	9
	%	6.77	4.64	2.75	2.43
Delhi	Appeared	52260	804	14043	1142
	Qualified	1892	19	169	26
	%	3.62	2.36	1.20	2.28
Guwahati	Appeared	25306	884	29546	722
	Qualified	403	14	109	8
	%	1.59	1.58	0.37	1.11
Kanpur	Appeared	32490	7989	37097	453
	Qualified	986	221	313	3
	%	3.03	2.77	0.84	0.66
Kharagpur	Appeared	29199	5454	25575	248
	Qualified	825	135	547	4
	%	2.83	2.48	2.14	1.61
Madras	Appeared	12448	1366	48189	825
	Qualified	604	58	2380	7
	%	4.85	4.25	4.94	0.85
Roorkee	Appeared	38541	2804	17811	297
	Qualified	1074	49	97	5
	%	2.79	1.75	0.54	1.68
Total	Appeared	214062	20315	229680	4058
	Qualified	7396	543	5195	62
	%	3.46	2.67	2.26	1.53

Table A10 - Zone wise distribution of candidates according to 10th schooling

Zone		Village	Town	City	Others/No response
Bombay	Appeared	15226	19903	47493	0
	Qualified	280	686	2282	0
		1.84	3.45	4.80	0
Delhi	Appeared	6881	11985	49383	0
	Qualified	114	358	1634	0
	%	1.66	2.99	3.31	0
Guwahati	Appeared	18277	24478	13703	0
	Qualified	79	235	220	0
	%	0.43	0.96	1.61	0
Kanpur	Appeared	13953	16627	47459	18
	Qualified	97	280	1146	0
	%	0.70	1.68	2.41	0.00
Kharagpur	Appeared	9227	25281	26004	17
	Qualified	128	551	832	0
	%	1.39	2.18	3.20	0.00
Madras	Appeared	12341	23185	27330	24
	Qualified	479	966	1602	2
	%	3.88	4.17	5.86	8.33
Roorkee	Appeared	10814	13944	34708	19
	Qualified	121	239	865	0
	%	1.12	1.71	2.49	0.00
Total	Appeared	86719	135403	246080	78
	Qualified	1298	3315	8581	2
	%	1.50	2.45	3.49	2.56

Table A11 - Zone wise distribution of candidates according to parents' education

Zone		Both graduate	One of them graduate	Neither	Others/No response
Bombay	Appeared	26570	28967	27085	0
	Qualified	1701	988	559	
	%	6.40	3.41	2.06	0
Delhi	Appeared	29520	20506	18223	0
	Qualified	1341	482	283	
	%	4.54	2.35	1.55	0
Guwahati	Appeared	13348	20548	22562	0
	Qualified	206	202	126	
	%	1.54	0.98	0.56	0
Kanpur	Appeared	29271	28054	20678	54
	Qualified	876	453	194	
	%	2.99	1.61	0.94	0.00
Kharagpur	Appeared	21501	21054	17930	44
	Qualified	761	469	281	
	%	3.54	2.23	1.57	0.00
Madras	Appeared	24197	19063	19598	22
	Qualified	1626	842	581	
	%	6.72	4.42	2.96	0.00
Roorkee	Appeared	22576	17954	18931	24
	Qualified	703	306	216	
	%	3.11	1.70	1.14	0.00
Total	Appeared	166983	156146	145007	144
	Qualified	7214	3742	2240	0
	%	4.32	2.40	1.54	0.00

Table A12 - Zone wise distribution of appeared and qualified candidates according to parents' occupation

	B	D	Guw	K	Kg	M	R	Total
Agriculture	14404	15063	9866	12936	11041	11146	12488	86944
	644	459	138	256	253	429	271	2450
Business	1573	1093	641	1229	951	863	903	7253
	154	69	15	66	45	103	61	513
Medicine	2266	2101	783	1335	1633	2563	853	11534
	181	96	18	65	70	183	37	650
Engineering	494	671	933	1367	677	602	703	5447
	25	26	6	16	21	28	12	134
Law	5711	3475	4156	4585	4469	4181	3367	29944
	258	128	39	97	124	257	82	985
Teaching	25398	21960	17397	28838	26114	18095	20747	158549
	1182	782	202	732	685	1096	533	5212
Govt	9060	10888	3029	5752	5990	8090	5027	47836
	341	284	20	87	138	383	93	1346
Private	3079	2599	1275	2743	1254	1882	2946	15778
	62	56	8	38	22	38	35	259
Defense	5668	4262	2844	3618	3011	5827	3351	28581
	146	109	29	52	82	200	32	650
Others/No response	14969	6137	15534	15654	5389	9631	9100	76414
	255	97	59	114	71	332	69	997

Table A13 - Zone wise distribution of candidates according to parents' annual income

Zone		< 1 lakh	1-3	3-6	6-10	> 10
Bombay	Appeared	24869	33552	16835	4326	3040
	Qualified	423	1063	1053	384	325
	%	1.70	3.17	6.25	8.88	10.69
Delhi	Appeared	15291	28862	15603	5200	3293
	Qualified	262	597	647	316	284
	%	1.71	2.07	4.15	6.08	8.62
Guwahati	Appeared	25442	22356	7378	998	284
	Qualified	154	205	139	25	11
	%	0.61	0.92	1.88	2.51	3.87
Kanpur	Appeared	28322	34068	12611	2302	666
	Qualified	253	556	476	168	70
	%	0.89	1.63	3.77	7.30	10.51
Kharagpur	Appeared	13743	27069	14547	3303	1798
	Qualified	223	477	492	179	140
	%	1.62	1.76	3.38	5.42	7.79
Madras	Appeared	24148	20620	11621	3875	2575
	Qualified	795	851	820	324	259
	%	3.29	4.13	7.06	8.36	10.06
Roorkee	Appeared	15067	28693	11965	2831	864
	Qualified	148	434	394	169	80
	%	0.98	1.51	3.29	5.97	9.26
Total	Appeared	146882	195220	90560	22835	12520
	Qualified	2258	4183	4021	1565	1169
	%	1.54	2.14	4.44	6.85	9.34

Table A14 - Distribution of candidates according to mother tongue

Mother tongue	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee	Appeared	Qualified
Assamese	58	70	3797	11	73	29	25	4063	55
Bengali	718	742	1742	530	9793	273	201	13999	425
English	252	345	289	292	131	108	260	1677	32
Gujarati	6989	153	19	83	221	159	49	7673	231
Hindi	57097	60452	46823	74354	32561	2605	45162	319054	7611
Kannada	597	64	10	16	33	2430	10	3160	134
Kashmiri	49	1063	8	15	9	16	53	1213	13
Malayalam	713	500	27	131	265	11209	42	12887	263
Marathi	11694	561	6	410	310	663	60	13704	669
Oriya	247	187	26	65	8488	172	52	9237	196
Punjabi	518	1385	40	394	309	82	12686	15414	377
Sanskrit	7	4	14	9	11	2	5	52	1
Sindhi	545	238	12	364	121	43	22	1345	64
Tamil	599	452	76	331	233	8391	144	10226	338
Telugu	477	210	82	139	6091	34525	72	41596	2488
Urdu	374	841	1065	495	572	1189	117	4653	81
Others	1688	982	2422	183	1121	949	375	7720	215

Table A 15 – State wise distribution of qualified candidates

No.	City	Qualified	%
1	Andaman and Nicobar	1	0.01
2	Andhra Pradesh	2693	20.41
3	Arunachal Pradesh	1	0.01
4	Assam	72	0.55
5	Bihar	442	3.35
6	Chandigarh	227	1.72
7	Chattisgarh	113	0.86
8	Delhi	1197	9.07
9	Goa	19	0.14
10	Gujarat	247	1.87
11	Haryana	442	3.35
12	Himachal Pradesh	21	0.16
13	Jammu and Kashmir	17	0.13
14	Jharkand	455	3.45
15	Karnataka	235	1.78
16	Kerala	220	1.67
17	Madhya Pradesh	910	6.90
18	Maharashtra	1049	7.95
19	Manipur	0	0.00
20	Meghalaya	0	0.00
21	Orissa	164	1.24
22	Pondichery	14	0.11
23	Punjab	320	2.42
24	Rajasthan	1931	14.63
25	Sikkim	0	0.00
26	Tamilnadu	290	2.20
27	Tripura	6	0.05
28	Uttarpradesh	1604	0.82
29	Uttarkhand	108	12.16
30	West Bengal	390	2.96
31	Others (Dubai)	8	0.06

Table A16 - City wise success rate of qualified candidates.

Code	City	Centres	Qualified	Code	City	Centres	Qualified
				304	GUWAHATI	11	58
101	PANAJI	2	19	305	SILCHAR	1	4
102	AHMEDABAD	9	97	306	TEZPUR	1	4
103	RAJKOT	2	4	307	BHAGALPUR	6	23
104	SURAT	4	30	308	GAYA	6	22
105	VADODARA	6	116	309	KATIHAR	3	12
106	BELGAUM	1	2	310	MUZAFFARPUR	12	47
107	AURANGABAD	2	42	311	PATNA	68	338
108	LATUR	1	10	312	IMPHAL	1	0
109	MUMBAI	13	399	313	SHILLONG	1	0
110	NAGPUR	12	218	314	SILIGURI	2	19
111	NASHIK	3	44	401	BHOPAL	18	320
112	NAVI MUMBAI	4	73	402	GWALIOR	9	132
113	PUNE	11	254	403	JABALPUR	10	122
114	THANE	1	9	404	NAINITAL	2	8
115	AJMER	8	128	405	PANTNAGAR	4	19
116	BIKANER	2	25	406	AGRA	12	125
117	JAIPUR	87	1458	407	ALLAHABAD	25	120
118	JODHPUR	5	54	408	GORAKHPUR	15	67
119	UDAIPUR	12	266	409	JHANSI	6	70
201	DELHI EAST	17	213	410	KANPUR	34	276
202	DELHI WEST	20	295	411	LUCKNOW	36	257
203	DELHI NORTH	14	235	412	RAEBARELI	2	7
204	DELHI SOUTH	19	361	501	PORT BLAIR	1	1
205	DELHI CENTRAL	6	93	502	VISHAKAPATNAM	16	401
206	BALLABGARGH	3	18	503	BHILAI	9	53
207	FARIDABAD	6	91	504	BILASPUR	6	30
208	GURGOAN	9	126	505	RAIPUR	6	30
209	JAMMU	7	17	506	BOKARO	9	112
210	INDORE	18	283	507	DHANBAD	8	55
211	UJJAIN	3	53	508	JAMSHEDPUR	9	122
212	ALIGARH	5	38	509	RANCHI	22	166
213	GAUTAM BUDH NAGAR	6	101	510	BALASORE	2	3
214	GHAZIABAD	8	112	511	BERHAMPUR	2	8
215	MATHURA	4	62	512	BHUBANESWAR	12	108
216	DUBAI	1	8	513	CUTTACK	3	13
301	ITANAGAR	2	1	514	ROURKELA	3	24
302	DIBRUGARH	2	6	515	SAMBALPUR	2	8
303	GOALPARA	1	0	516	GANGTOK	1	0

517	AGARTALA	1	6	618	COIMBATORE	2	0
518	ASANSOL	3	19	619	MADURAI	2	7
519	BARDDHAMAN	1	8	620	SALEM	2	2
520	BELUR	2	20	621	TIRUCHIRAPALLI	3	36
521	DURGAPUR	3	46	622	TIRUNELVELI	1	1
522	KHARAGPUR	3	21	701	CHANDIGARH	16	227
523	KOLKATA NORTH	5	51	702	AMBALA	2	25
524	KOLKATA SALT LAKE	5	90	703	KURUKSHETRA	4	48
525	KOLKATA SOUTH	7	111	704	PANIPAT	3	31
526	MALDA	1	5	705	ROHTAK	7	91
601	BAPATLA	1	3	706	SONIPAT	2	10
602	GUNTUR	4	90	707	YAMUNA NAGAR	2	2
603	HYDERABAD	49	1307	708	MANDI	4	4
604	NELLORE	5	84	709	PALAMPUR	4	8
605	TIRUPATHI	4	28	710	SHIMLA	4	9
606	VIJAYAWADA	21	690	711	AMRITSAR	4	41
607	WARANGAL	6	90	712	BHATINDA	8	93
608	BANGALORE	10	184	713	JALANDHAR	6	57
609	MANGALORE	2	34	714	LUDHIANA	4	44
610	MYSORE	1	15	715	PATIALA	5	85
611	KOCHI	9	79	716	DEHRADUN	9	47
612	KOZHIKODE	7	52	717	ROORKEE	6	34
613	PALAKKAD	2	4	718	BAREILLY	7	56
614	TIRUVANANTHAPURAM	7	52	719	MEERUT	7	72
615	TRISOOR	4	33	720	MORADABAD	4	35
616	PUDUCHERRY	2	14	721	SAHARANPUR	3	18
617	CHENNAI	12	244	722	VARANASI	21	188

Table B1 – Zone wise trend of registered candidates

Year	B	%	D	%	Guw	%	K	%	Kg	%	M	%	R	%	Total
1997	14381	15.8	17875	19.6	-	-	21655	23.7	23780	26.1	13588	14.9	-	-	91279
1998	15400	16.1	19115	20.0	-	-	23777	24.9	23240	24.3	14087	14.7	-	-	95619
1999	17673	15.7	25829	23.0	1393	1.2	28837	25.7	24201	21.5	14414	12.8	-	-	112347
2000	18434	14.3	31753	24.7	1403	1.1	32672	25.4	28756	22.4	15607	12.1	-	-	128625
2001	22532	15.3	39271	26.6	1806	1.2	36711	24.8	29962	20.3	17493	11.8	-	-	147775
2002	27486	15.4	48115	27.0	3058	1.7	40943	23.0	35787	20.1	18420	10.4	4234	2.4	178043
2003	25896	14.5	37150	20.8	14384	8.0	33905	19.0	30897	17.3	19477	10.9	17231	9.6	178940
2004	28743	16.4	35052	20.0	14144	8.1	33321	19.0	27632	15.8	20134	11.5	16329	9.3	175355
2005	33916	17.1	36709	18.5	16656	8.4	35190	17.8	29498	14.9	24007	12.1	22083	11.2	198059
2006	50854	17.0	52414	17.5	25812	8.6	53979	18.1	41362	13.8	42264	14.1	32402	10.8	299087
2007	46789	18.6	47776	19.0	16486	6.6	39760	15.8	33939	13.5	39916	15.9	27137	10.8	251803
2008	63517	19.2	53192	16.6	20826	6.5	47187	14.7	42242	13.1	51747	16.1	42648	13.3	321653
2009	83838	21.1	62974	15.8	31323	7.9	48819	12.3	53959	13.5	67093	16.8	50258	12.6	398264
2010	80761	17.0	73789	15.6	54471	12.0	73929	15.6	61263	12.9	68537	14.5	61232	14.5	473982
2011	85146	17.6	70793	14.6	58610	12.1	80348	16.6	63016	13.0	65612	13.5	61611	12.7	**485136**

Table B2 – Trend of registered candidates according to category

Year	GE	%	OBC	%	SC	%	ST	%	Total
1997	81990	89.8	0	0	7235	7.9	1742	1.9	91279
1998	84951	88.9	0	0	8282	8.7	1942	2.0	95517
1999	99171	88.3	0	0	10036	8.9	2382	2.1	112344
2000	115319	89.7	0	0	9951	7.7	2495	1.9	128625
2001	131706	89.1	0	0	11796	8.0	3141	2.1	147775
2002	158994	89.3	0	0	14224	8.0	3597	2.0	178043
2003	157542	88.0	0	0	15914	8.9	4033	2.3	178940
2004	154811	88.3	0	0	15294	8.7	4041	2.3	175355
2005	175331	88.5	0	0	17304	8.7	4717	2.4	198059
2006	264536	88.4	0	0	26800	9.0	6707	2.2	299087
2007	222515	88.4	0	0	22049	8.8	6519	2.6	251803
2008	208328	64.8	74404	23.1	29829	9.3	9092	2.8	321653
2009	239917	60.2	107285	26.9	37825	9.5	13237	3.3	398264
2010*	268684	59.0	128114	28.1	42800	9.4	15973	3.5	455571
2011	276239	56.9	142297	29.3	47358	9.8	19242	4.0	485136

* The data for 2010 is based on appeared candidates

Table B3 - Trend of registered candidates according to language of question paper

Year	English	%	Hindi	%	Total
1997	81809	89.6	9490	10.4	91299
1998	86038	90.0	9581	10.0	95619
1999	99099	88.2	13248	11.8	112347
2000	114126	88.7	14499	11.3	128625
2001	131742	89.2	16033	10.9	147775
2002	159116	89.4	18927	10.6	178043
2003	161151	90.1	17789	9.9	178940
2004	158989	90.7	16366	9.3	175355
2005	179491	90.6	18568	9.4	198059
2006	261412	87.4	37675	12.6	299087
2007	221097	87.9	30706	12.2	251803
2008	279579	86.9	42074	13.1	321653
2009	347084	87.1	51180	12.9	398264
2010*	393856	86.5	61655	13.5	455511
2011	415412	85.6	69724	14.4	485136

*The data for 2010 is based on appeared candidates

Table B4 – Trend of registered candidates according to number of attempts

Year	No. of registered candidates	First attempt	%	Second attempt	%	Third/more attempts	%	Not available
2001	147775	99069	67.0	32611	22.1	15902	10.8	-
2002	178043	118755	66.7	40238	22.6	18873	10.6	-
2003	178940	116198	64.9	38846	21.7	17021	9.5	-
2004	175355	114682	65.4	41559	23.7	18763	10.7	-
2005	198059	132765	67.0	45488	23.0	19806	10.0	-
2006	299087	213485	71.4	51359	17.2	15289	5.1	-
2007	251803	201298	79.9	50370	20.0	NA	NA	135
2008	321653	264881	82.4	56488	17.6	NA	NA	284
2009	398264	336686	84.5	61370	15.4	NA	NA	208
2010	473982	-	-	-	-	NA	NA	-
2011	485136	389129	80.2	95785	19.7	NA	NA	222

Table B5 – Trend of registered candidates based on gender

Year	Male	%	Female	%	Total
1997	81461	89.2	9818	10.8	91279
1998	84791	88.7	10828	11.3	95619
1999	99608	88.7	12684	11.3	112292
2000	112403	87.4	16222	12.6	128625
2001	128118	86.7	19657	13.3	147775
2002	152319	85.6	25624	14.5	178043
2003	153192	85.6	25748	14.4	178940
2004	150786	86.0	24569	14.0	175355
2005	168762	85.2	29297	14.8	198059
2006	244190	81.7	54897	18.4	299087
2007	195250	77.5	56553	22.5	251803
2008	243399	75.7	78254	24.3	321653
2009	295831	74.3	102431	25.7	398264
2010*	342447	75.2	113063	24.8	455571
2011	371400	76.6	113736	23.4	485136

*The data for 2010 is based on appeared candidates

Table C1 – Number of seats available (category wise)

Institute	GE	SC	ST	OBC	PD	Total
Bhubaneswar	59	17	8	32	4	120
Bombay	428	130	66	230	26	880
Delhi	423	117	57	228	35	860
Gandhinagar	58	17	8	32	5	120
Guwahati	302	89	45	161	18	615
Hyderabad	69	20	10	37	4	140
Indore	58	18	9	32	3	120
Kanpur	405	120	60	217	25	827
Kharagpur	654	195	99	353	40	1341
Madras	411	122	61	219	25	838
Mandi	58	18	9	32	3	120
Patna	58	18	9	32	3	120
Rajasthan	77	24	11	44	4	160
Roorkee	567	168	83	301	36	1155
Ropar	58	18	9	32	3	120
ISM Dhanbad	505	150	76	272	31	1034
IT BHU	513	152	83	272	37	1057
Total	4703	1393	703	2526	302	9627

Note: The GE/OBC/SC/ST seats available include the PD seats

Table C2 – Seats allotted (category wise)

Institute	GE	OBC	SC	ST	PD	Total
Bhubaneswar	59	32	17	8	0	116
Bombay	434	224	130	65	20	873
Delhi	423	228	118	57	16	842
Gandhinagar	58	32	17	8	0	115
Guwahati	323	140	89	41	7	600
Hyderabad	69	37	20	10	2	138
Indore	58	32	18	9	1	118
Kanpur	421	202	120	53	12	808
Kharagpur	737	273	190	74	15	1289
Madras	413	218	122	58	11	822
Mandi	58	32	18	9	1	118
Patna	58	32	18	9	0	117
Rajasthan	84	37	24	11	0	156
Roorkee	660	209	159	54	11	1093
Ropar	58	32	18	9	1	118
ISM Dhanbad	628	149	150	42	2	971
IT BHU	604	181	152	54	2	993
Total	5145	2090	1380	571	101	9287
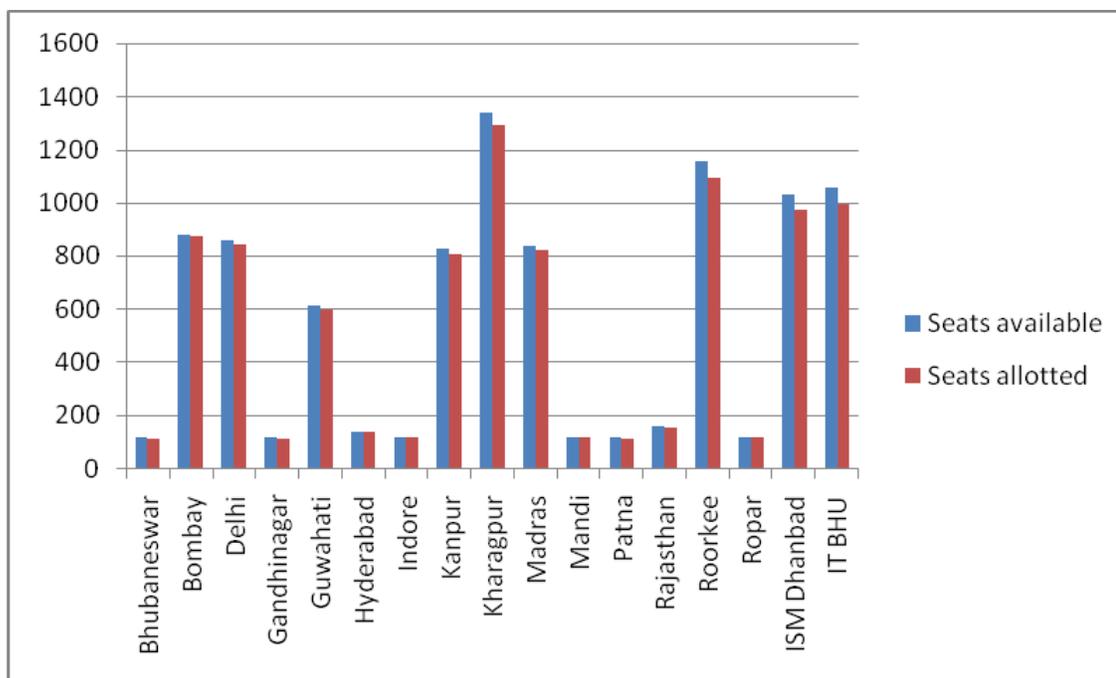
Table C3 – Counselling and course allocation statistics

	CML	OBC	SC	ST	PD	Total
Seats available	4703	2526	1393	703	150+77+47+28	9627
Seat Allotted (Second round)	5164	1979	1376	468	68+17+2+0	9074
Seats allotted (Third round)	5157	2094	1384	9198	75+25+0+2	**9311***

Table C4 – Zone vs allotted institute for the candidates allotted seats in Third round of counselling.

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee	Total
Bhubaneswar	14	10	3	6	28	54	1	116
Bombay	426	78	27	84	55	158	48	876
Delhi	209	248	39	103	56	67	124	846
Gandhinagar	63	17	3	8	3	20	2	116
Guwahati	145	95	57	46	83	142	32	600
Hyderabad	28	13	2	5	8	76	7	139
Indore	48	18	3	9	11	27	2	118
Kanpur	216	134	47	159	72	93	90	811
Kharagpur	233	126	73	90	325	373	70	1290
Madras	124	24	1	17	73	569	17	825
Mandi	38	24	3	16	4	14	19	118
Patna	23	17	6	13	17	31	10	117
Rajasthan	54	22	6	27	6	31	10	156
Roorkee	298	251	45	153	85	128	137	1097
Ropar	21	33	3	10	3	20	28	118
ISM Dhanbad	221	120	66	140	146	189	93	975
IT BHU	239	154	38	209	108	120	125	993
Total	2400	1384	422	1095	1083	2112	815	**9311**

Table C5 - Distribution of allotted candidates based on number of attempts

Institute	First Attempt	Second Attempt	Total	% First	% Second
Bhubaneswar	81	35	116	69.83	30.17
Bombay	595	278	873	68.16	31.84
Delhi	539	303	842	64.01	35.99
Gandhinagar	72	43	115	62.61	37.39
Guwahati	330	270	600	55.00	45.00
Hyderabad	96	42	138	69.57	30.43
Indore	75	43	118	63.56	36.44
Kanpur	468	340	808	57.92	42.08
Kharagpur	752	537	1289	58.34	41.66
Madras	617	205	822	75.06	24.94
Mandi	68	50	118	57.63	42.37
Patna	72	45	117	61.54	38.46
Rajasthan	74	82	156	47.44	52.56
Roorkee	587	506	1093	53.71	46.29
Ropar	65	53	118	55.08	44.92
ISM Dhanbad	451	520	971	46.45	53.55
IT BHU	446	547	993	44.91	55.09
Total	5388	3899	9287	58.02	41.98

Table C6 - Distribution of allotted candidates based on gender

Institute	Male	Female	Total	% Male	% Female
Bhubaneswar	109	7	116	93.97	6.03
Bombay	798	75	873	91.41	8.59
Delhi	734	108	842	87.17	12.83
Gandhinagar	105	10	115	91.30	8.70
Guwahati	543	57	600	90.50	9.50
Hyderabad	116	22	138	84.06	15.94
Indore	102	16	118	86.44	13.56
Kanpur	736	72	808	91.09	8.91
Kharagpur	1155	134	1289	89.60	10.40
Madras	696	126	822	84.67	15.33
Mandi	108	10	118	91.53	8.47
Patna	109	8	117	93.16	6.84
Rajasthan	143	13	156	91.67	8.33
Roorkee	982	111	1093	89.84	10.16
Ropar	109	9	118	92.37	7.63
ISM Dhanbad	914	57	971	94.13	5.87
IT BHU	902	91	993	90.84	9.16
Total	8361	926	9287	90.03	9.97

Table C7 – Zone wise data on ST and PD candidates for preparatory course

	Bombay	Delhi	Guwahati	Kanpur	Kharagpur	Madras	Roorkee	Total
Prep. PD qualified	27	15	39	17	23	18	14	153
Prep. ST called	49	10	9	2	11	29	2	112
ST Allotted	36	6	8	2	6	22	1	81
PD Allotted	23	13	31	16	20	17	10	130

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Table C8 - Institute wise availability and allocation for Preparatory course

Institute	ST		GE-PD		OBC-PD		SC-PD		ST-PD		Total	Tot.Allot.
	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.	Avail.	Allot.		
IITB (B)	1	1	1	1	1	1	3	2	1	1	7	6
IITD (D)	0	0	2	2	2	2	9	3	6	2	19	9
IITG (W)	4	4	4	4	3	3	3	0	1	0	15	11
IITK (K)	7	7	4	4	3	3	4	0	2	0	20	14
IITKgp (G)	25	25	10	10	7	7	5	1	3	0	50	43
IITM (M)	3	3	3	3	5	5	4	0	2	2	17	13
IITR (R)	29	22	11	11	6	6	5	0	3	0	54	39
IITBhub (A)	0	0	1	1	1	1	1	0	1	0	4	2
IITGn (N)	0	0	2	2	1	1	1	0	1	0	5	3
IITH (H)	0	0	0	0	1	1	1	0	0	0	2	1
IIT In (E)	0	0	1	0	1	0	0	0	0	0	2	0
IIT Mnd (C)	0	0	1	1	1	1	0	0	0	0	2	2
IIT Ptn (P)	0	0	2	2	1	1	0	0	0	0	3	3
IIT Rpr (U)	0	0	1	1	1	1	0	0	0	0	2	2
IIT Rn (J)	0	0	3	3	0	0	0	0	1	0	4	3
ISM D (S)	34	8	14	13	8	2	5	0	2	0	63	23
IT-BHU (V)	29	11	16	16	10	10	6	0	3	0	64	37
Total	132	81	76	74	52	45	47	6	26	5	333	211

Table C9 – Zone wise distribution of preparatory candidates

Institute	PD Prep	ST Prep
Bhubaneswar	2	
Bombay	5	1
Delhi	9	
Gandhinagar	3	
Guwahati	7	4
Hyderabad	1	
Indore	7	
Kanpur	18	7
Kharagpur	10	25
Madras	2	3
Mandi	3	22
Patna	3	
Rajasthan	17	
Roorkee	2	
Ropar	15	
ISM Dhanbad	26	8
IT BHU		11
Total	130	81

Table C10 – Institute wise allotment of students – Rank obtained (CML)

AIR																		
From	To	A	B	C	D	E	G	H	J	K	M	N	P	R	S	U	V	W
1	100	0	69	0	24	0	0	0	0	4	2	0	0	0	0	0	0	0
101	200	0	20	0	45	0	2	0	0	19	13	0	0	0	0	0	0	0
201	300	0	37	0	18	0	3	0	0	27	14	0	0	0	0	0	0	0
301	400	0	40	0	13	0	3	0	0	21	22	0	0	0	0	0	0	0
401	500	0	14	0	29	0	12	0	0	27	16	0	0	1	0	0	0	0
501	1000	0	114	0	92	0	120	0	0	63	78	0	0	25	0	0	0	2
1001	2000	0	163	0	177	0	109	6	0	139	147	0	0	162	0	1	7	75
2001	3000	0	62	0	73	3	177	48	0	119	132	19	0	117	0	8	121	99
3001	4000	25	43	9	55	45	132	16	34	71	54	36	8	63	15	41	177	87
4001	5000	34	54	49	15	10	164	0	28	18	21	4	50	102	122	8	67	35
5001	6000	0	35	0	23	0	79	1	22	18	27	0	0	137	166	0	114	29
6001	7000	0	22	0	38	0	43	5	0	35	27	0	0	104	144	0	84	45
7001	8000	0	16	0	29	0	58	11	0	16	25	2	0	34	183	1	55	20
8001	9000	0	20	0	22	1	20	16	1	5	27	1	0	54	2	0	44	13
9001	9618	4	6	0	3	0	18	2	1	10	7	5	0	10	2	0	28	13

Table C11 – Institute wise allotment of students – Rank obtained (OBC)

Category Rank																		
From	To	A	B	C	D	E	G	H	J	K	M	N	P	R	S	U	V	W
1	100	0	54	0	14	0	4	0	0	3	23	0	0	0	0	0	0	1
101	200	0	12	0	36	0	10	0	0	13	21	0	0	5	0	0	0	3
201	300	0	22	0	9	0	12	1	0	32	16	0	0	4	0	0	2	2
301	400	0	7	0	22	0	21	1	0	24	17	0	0	2	0	0	1	3
401	500	0	17	0	17	0	20	0	1	22	9	0	0	7	0	0	1	5
501	1000	2	87	0	55	1	68	4	3	38	62	0	2	94	9	0	7	42
1001	2000	24	42	8	68	25	121	33	14	61	84	25	3	70	52	14	139	90
2001	2545	8	2	24	18	7	38	0	23	19	13	7	29	38	102	18	40	8

Table C12– Institute wise allotment of students – Rank obtained (SC)

Category Rank																	
From	To	A	B	C	D	E	G	H	J	K	M	N	P	R	S	U	V	W
0001	0100	0	46	0	25	0	8	0	0	9	10	0	0	0	0	0	0	0
0101	0200	0	21	0	20	0	15	1	0	23	17	0	0	0	0	0	0	0
0201	0300	1	15	0	10	0	18	0	0	19	13	0	0	20	0	0	0	1
0301	0400	0	15	0	13	0	17	1	0	8	15	0	0	26	0	0	0	5
0401	0500	0	6	0	13	0	16	1	1	18	18	1	0	12	0	0	1	11
0501	1000	12	25	1	23	16	55	17	15	25	44	13	1	33	24	12	79	56
1001	1897	4	3	17	13	2	61	0	8	19	5	3	17	68	126	6	72	16

Table C13 – Institute wise allotment of students – Rank obtained (ST)

Category Rank																	
From	To	A	B	C	D	E	G	H	J	K	M	N	P	R	S	U	V	W
0001	0100	0	27	0	26	0	12	0	0	18	10	0	0	4	0	0	0	2
0101	0200	0	19	0	3	0	17	1	0	14	15	0	0	25	0	0	1	4
0201	0300	3	6	0	7	2	12	5	4	6	13	2	0	6	1	1	8	18
0301	0400	4	8	1	10	3	8	3	3	3	7	3	1	5	5	4	20	5
0401	0500	1	3	8	5	4	8	0	1	3	8	2	5	3	16	4	14	3
0501	0646	0	2	0	8	0	17	1	3	9	5	1	3	11	21	0	11	9

Table C14 – Institute wise allotment of students – Rank obtained (PD)

Category Rank																	
From	To	A	B	C	D	E	G	H	J	K	M	N	P	R	S	U	V	W
0001	0100	0	17	0	9	1	11	2	0	12	9	0	0	7	0	0	0	5
0101	0146	0	4	1	7	0	4	0	0	0	2	0	0	4	2	1	2	2