

# Discussion on new JEE

Special senate  
IIT Bombay

On behalf of Forum and Federation

**C.V. Tomy (Forum Secretary)**

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Federation President)**

# What is achieved? (how the new JEE evolved)

<b>February 2012</b>	<b>Ramasamy Committee Report</b> <b>ISEET : Board Marks (40%) + Aptitude test (30%) + Advanced Test (PCM) (30%)</b> <b>Implementation year : 2013</b> <b>IITs have NO role</b>
15-02-2012	<b>Faculty forum GBM</b>
<b>March 2012</b>	<b>Proposal of new JEE for CFTIs from MHRD</b> <b>Board Marks (40%) + JEE Main (PCM + Aptitude) (30%) + JEE Advanced Test (PCM) (30%)</b> <b>Implementation year : 2013</b> <b>IITs have NO role</b> <b>Announcement to be made on April 11 council meeting</b>
<b>March 28, 2012</b>	<b>IIT B special senate rejects the proposal; asks the proposal to be sent to senates for discussion and feedback.</b>
April 4, 2012	<b>Faculty forum GBM</b>
<b>April 9, 2012</b>	<b>Special IFM : meeting with Council subgroup; Prof. Sharma and Acharya.</b>
April 7-9, 2012	<b>Moodle opinion poll</b>

# What is achieved? (how the new JEE evolved)

April 7-9, 2012	Moodle opinion poll
April 11, 2012	Federation meeting with HRM and IIT Council HRM agrees to send the proposal to senates for discussion and feedback
April 13, 2012	Director Constitute a special senate subcommittee
May 5, 2012	IITB Senate meeting. Brings out the resolutions
May 12, 2012	IIT Council meeting All to write JEE Main (FN) and JEE Advanced (AN) Screening : Board Marks (50%) + JEE Main (50%) - Top 50,000 will be ranked in JEE Advanced Admission only on the basis of the rank in JEE Advanced Implementation year : 2013 IITs have NO role except question paper setting Announcement to be made on May 28, IIT+NIT+IIIT council meeting
May 25, 2012	Federation meets HRM Requests for second examination only for IITs and implementation year to be 2014 (majority of senates)

# What is achieved? (how the new JEE evolved)

<b>May 28, 2012</b>	<b>IIT + NIT council meeting &amp; Announcement of the new JEE</b> All to write JEE Main (FN) and JEE Advanced (AN) Screening : Board Marks (50%) + JEE Main (50%) - Top 50,000 will be ranked in JEE Advanced Admission only on the basis of the rank in JEE Advanced Implementation year : 2013 <b>IITs have NO role except question paper setting</b>
<b>June 8, 2012</b>	<b>IITK senate rejects the proposal (28 May) and decides to conduct its own JEE</b>
<b>June 16, 2012</b>	<b>Federation meets PM. Gets assurance that the matter will be looked into.</b>
<b>June 18, 2012</b>	<b>JAB comes up with a compromise formula</b> All to write JEE Main Top <b>50,000</b> will write JEE advanced JEE advanced will be exclusive to IITs to conduct with a suitable time gap after JEE Main Board marks only as a qualifier (top 20 percentile) <b>Implementation year : 2013</b>
<b>June 20, 2012</b>	<b>IIT B faculty forum meeting. Accepts JAB formula “in principle”</b>

# What is achieved? (how the new JEE evolved)

June 21, 2012	<i>IITD Senate meeting.</i> <b>Rejects the Council (28 May) proposal. Decides to conduct its own JEE</b>
June 23, 2012	<i>JAB resolves the compromise formula</i> All to write JEE Main Top <b>1,50,000</b> will write JEE advanced JEE advanced will be exclusive to IITs to conduct with a suitable time gap after JEE Main Board marks only as a qualifier (top 20 percentile) Implementation year : 2013
June 27, 2012	<i>Emergency IIT Council meeting. Accepts the JAB compromise formula</i> All to write JEE Main Top <b>1,50,000</b> will write JEE advanced JEE advanced will be <b>exclusive to IITs</b> to conduct with a suitable time gap after JEE Main Board marks only as a qualifier (top 20 percentile) Implementation year : 2013
July 4, 2012	IITM Senate Meeting: <b>Accepts the proposal as it is.</b>
July 4, 2012	NIT Council meeting. <b>Decided NOT to be a part of JEE Advanced</b>
July 25, 2012	IITB Senate Meeting

# What is achieved?

- One India-One test concept is gone.
- Aptitude test is removed.
- **Role of Senates was accepted; proposal was sent from a announcement stage back to the senates.**
- **PM accepted our concerns (compromise formula).**
- **Board marks for ranking is removed.**
- **2 stage examination is introduced (screening and advanced).**
- **Exclusive JEE for IIT admissions.**

**POWER of SENATES!**

**IIT B senate resolution  
(03 May 2012)**

**Admission to IITs is proposed to be carried out through a two-stage process.**

**The proposed National Test for entrance to Engineering Institutions will be used as the first stage for the purpose of screening.**

**For the students selected through this stage, IITs will conduct a separate second stage test for admission to IITs.**

**IIT Council New Resolution  
(June 27, 2012)**

**Same as the senate resolution**

IIT B senate resolution  
(03 May 2012)

IIT Council New Resolution  
(June 27, 2012)

## The First Stage Test

The number of candidates selected by the First Stage Test will be about **5 times** the total number of available seats in all the IITs.

1,50,000 candidates (including all categories)  
**(15 times)**



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(03 May 2012)**

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**The Second Stage Test**

**The candidates selected through the First Stage Test will be eligible to appear in the Second Stage Test (JEE) only for that particular academic year, which will be held in May every year.**

**The JEE Advanced examination will be held after the JEE Main (APRIL) with a suitable time gap.**

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**The merit list for admission to IITs will be based solely on the performance in the Second Stage Test.**

**Admissions to IITs will be based only on category wise All India Rank (AIR) in the JEE Advanced examination**

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**Admissions to IITs will be based only on category wise All India Rank (AIR) in the JEE Advanced examination**

**JEE will be conducted by IITs as a subjective type test based on conceptual understanding, analytical thinking and problem solving abilities (PCM).**

**JAB will decide the format of the IIT-JEE Advanced**

<b>IIT B senate resolution (03 May 2012)</b>	<b>IIT Council New Resolution (June 27, 2012)</b>
<p data-bbox="79 215 962 654"><b>Role of Class XII Board Performance in Admission : Performance in the Board examination will be used only as an eligibility requirement for admission to IITs</b></p> <p data-bbox="79 749 962 882"><b>Present : &gt; 60% marks in Board examination</b></p>	<p data-bbox="962 215 1850 582"><b>Performance in the Board examination will be used only as an eligibility requirement for admission to IITs</b></p> <p data-bbox="962 678 1850 886"><b>Top 20 percentile of successful candidates of their boards in applicable categories.</b></p>
<p data-bbox="79 919 962 1358"><b>Year of Implementation Given the changes being proposed in the examination style, the scheme should be implemented from <b>2014</b> <b>onwards</b></b></p>	<p data-bbox="962 919 1850 1210"><b>Proposed plan for admissions to IITs at the undergraduate level will be implemented for the <b>year 2013</b></b></p>

# Differences to be sorted out

<b>IIT B senate resolution (03 May 2012)</b>	<b>IIT Council New Resolution (June 27, 2012)</b>
<p><b>The First Stage Test :</b> The number of candidates selected by the First Stage Test will be about <b>5 times</b> the total number of available seats in all the IITs.</p>	<p><b>1,50,000 candidates (including all categories) (15 times)</b></p>
<p><b>The Second Stage Test – JEE</b> JEE will be conducted by IITs as a <b>subjective type</b> test based on conceptual understanding, analytical thinking and problem solving abilities. It will consist of separate sessions for Physics, Chemistry and Mathematics.</p>	<p><b>JAB will decide the format of the IIT-JEE</b></p>
<p><b>Eligibility:</b> Present : &gt; 60% marks in Board examination</p>	<p><b>Top 20 percentile of successful candidates of their boards in applicable categories.</b></p>

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**Blessing in disguise????????**

**Total number of students : 50,000+**

**Number of students in IIT B zone : ~ 8,000**

**No. of answer scripts corrected by a faculty in 10 days : 300 (Physics)**

**This implies:**

**No of faculty required : minimum 30 (including head examiners) !!!!!!!!!!!!!**

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# RESOLUTIONS (FF wish list)

- All aspects related to **JEE Advanced exam (JEE-A)** as per the minutes of 45<sup>th</sup> IIT Council meeting (27/06/2012, Appendix A) **is ACCEPTABLE in lieu of** the minutes of the joint IIT-NIT-IIIT council meeting ( 28/05/2012, Appendix B) with the following modifications.
- **Since the JEE-A is exclusively for IIT admissions, the number of candidates giving this exam need to be brought down to 50,000.**
- **There will be a separate JAB (IITJAB) to conduct the JEE-A.**
- **The members of the IITJAB will be only from IITs.**
- **A subcommittee of all IIT senates will be formed to decide the format of the JEE-A (preferably non multiple choice type)**
- **The senates subcommittee will review the JEE-A from time to time and suggest needed modifications and also for JEE-Mains, if needed.**
- **The senates subcommittee will monitor the performance of students in the JEE-A and re-adjust the number of students taking this exam**



# RESOLUTIONS (FF wish list)

- Those who appeared for board exams in 2012 or before, admission will be based on the existing cut-off (60% or above marks in the respective boards)
- Since the consequences applying cut-off based on the percentile scores are not well understood, it is recommended that for 2013 the existing 60% cut-off be followed
- The senates subcommittee can carry out an in-depth analysis of the various board data and recommend a suitable percentile based cut-off.
- If any problems arise in the implementation of the percentile scores, admission will be based on the existing cut-off (60% or above marks in the respective boards) to ensure no delay in the academic calendar of IITs.
- Any other?
- Get the required resolutions passed by the board to make them as ordinances

# Vote of thanks

- IIT B faculty
- Federation
- Director
- Media

# Course of action

- Federation would like to monitor the developments and coordinate activities across different IITs
- If any senate rejects, ???????

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- **number of candidates giving JEE – A to be 50,000.**
- **There will be a separate JAB (IITJAB) to conduct the JEE-A.**
- **The members of the IITJAB will be only from IITs.**
- **A subcommittee of all IIT senates to decide the format of the JEE-A**
- **The senates subcommittee will review the JEE-A from time to time**
- **The senates subcommittee will monitor the performance of students in the JEE-A and re-adjust the number of students taking this exam**
- **2012 students : admission 60% or above marks in the respective boards)**
  - **for 2013 the existing 60% cut-off to be followed**
- **The senates subcommittee can carry out an in-depth analysis of the various board data and recommend a suitable percentile based cut-off.**
- **If any problems arise in the implementation of the percentile scores, admission will be based on the existing cut-off (60% or above marks in the respective boards) to ensure no delay in the academic calendar of IITs.**
- **Get the required resolutions passed by the board to make them as ordinances**

## Min. % of marks for top 20 percentile (2012)

State	% of marks
Nagaland	49
Meghalaya	49.4
Tripura	50.8
Jharkhand	52.4
Assam	54.2
Uttarakhand	55.2
Mizoram	56.2
Goa	56.25
Odisha	56.3
Chattishgarh	56.8
West Bengal	58
NIOS	60
Maharashtra	61.1
Himachal Pradesh	63.2
Rajasthan	63.8

State	% of marks
Madhya Pradesh	64
Bihar	64.6
Manipur	64.6
Uttar Pradesh	65
J&K	67
Karnataka	67.5
Punjab	70.8
Kerala	76.5
CBSE	77.8
Tamil Nadu	78.17
Andhra Pradesh	87.2