



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

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## **Minutes of the 50<sup>th</sup> meeting of the Council of IITs held on Tuesday, the 23<sup>rd</sup> August, 2016 at IIT Delhi**

The 50<sup>th</sup> meeting of the Council of the Indian Institutes of Technology (IITs) was held under the Chairpersonship of Sh. Prakash Javadekar. Minister of Human Resource Development at 10.00 A.M. on Tuesday, the 23<sup>rd</sup> August, 2016 in Senate room of IIT Delhi. The list of participants is at **Annexure-I**.

Welcoming the members, the Hon'ble HRM in his opening remarks underlined the importance of IITs in the **Make in India** campaign and reiterated the firm commitment of the Government to assist promotion of good quality research in IITs through programmes like IMPRINT. He mentioned that the selected IITs and IIMs would be delegated the powers of NAC for accreditation of the institutions and therefore, these institutions should gear up for shouldering this responsibility in the larger interest of better quality education.

The following were the resolutions of the Council on the Agenda items:

### **Item No. 50.1: To confirm the minutes of the 49<sup>th</sup> meeting of the council of IITs held on 06.10.2015.**

The minutes of the 49<sup>th</sup> meeting of the Council of IITs held on 06.10.2015 at IIT Bombay were confirmed, as circulated.

### **Item No. 50.2 : To report Action Taken on the Minutes of the 49<sup>th</sup> meeting of Council of IITs held on 06.10.2015.**

The Council noted the status of Action Taken Report (ATR) of its decisions of its 49<sup>th</sup> meeting held on 6.10.2015, and further made the following observations:-

#### **External Peer Review of IITs.**

The Council noted that the External Peer Review reports of IITs have been uploaded on the IIT Council Web portal and necessary



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

follow up action is being taken by the IITs. It was decided to constitute a group of Directors to oversee the effectiveness of the peer group review system and report to the next Council meeting.

**Transparency and accountability – IIT Council Web Portal**

The Director, IIT Kanpur made a presentation on the current status of uploading of data by the IITs on the Council Website. It was desired that there should be a Committee of 2-3 Directors to examine the IIT-Council portal and decide what type of documents should be uploaded on the portal and also advise on making available better data analytics of the data.

**Consider the report submitted by the Committee regarding MACPS.**

The Council noted the position.

The Council decided that a Committee may be appointed by the MHRD for implementation of 7th Central Pay Commission recommendations for revision of pay scales of faculty and staff of IITs independently.

**Networking with alumni.**

Prof. Ashok Misra informed that Karnataka Govt. has agreed to give land for setting up the Alumni Centre in Bengaluru. He stated he is trying to generate some funds from the Alumni. He further added that the aim is networking with Alumni & IITs and to arrange short courses based on IITs capability and Industry needs.

**Item No. 50.3 : To report changes in the membership of the Council**

The Council welcomed the new members and placed on record its appreciation for the services rendered by the outgoing members.



The list of outgoing members and new members is placed at  
**Annexure-II.**

**Item no. 50.4: Ratification of appointment of Director of IIT Delhi.**

The Council ratified the appointment of Prof. V. Ramgopal Rao, Deptt. of Elect. Engg. IIT Bombay, as Director IIT Delhi.

**Item No. 50.5: To report /ratify the decisions taken by the Chairperson, IIT Council on behalf of the Council.**

The Council ratified the decisions taken by the Chairperson, IIT Council, on behalf of the IIT Council, in respect of the following matters, as per details given in the Agenda note:-

- (i) Revision of Tuition Fee for the undergraduate Programmes in the IITs.
- (ii) Interest free Loans for IIT Students.
- (iii) Admission of International Students in the IITs.
- (iv) Changes in JEE 2017.
- (v) Modification in the qualification and experience requirement for appointment to the post of Director, IITs.

**Item No. 50.6: To report the Minutes of the 9<sup>th</sup> meeting of the Standing Committee of the IIT Council (SCIC) held on 17.03.2016 at IIT Delhi.**

The Council noted/perused the minutes of the 9<sup>th</sup> meeting of the SCIC held on 17.3.2016 at IIT Delhi.

**Item No. 50.7: To consider the status of construction of permanent campus for the (8) IITs and the action plan for timely completion.**

The council was informed that MHRD is in the process of setting up a monitoring system as decided by the Union Cabinet in order to



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

ensure that there are no further cost and time overruns in completing the construction work of 8 IITs. It was clarified that within the capital head (budget head: 35), inter-se re-allocation can be made by the Board of Governors depending upon the situation.

In order to ensure that best construction agencies come into the IITs to undertake construction, it was decided that IITs may suggest the best practices which allow flexibility in choosing the best construction agencies within the framework of GFR.

**Item No. 50.8: To consider the status of opening of the (6) new IITs and the steps to be taken for construction of their permanent campus.**

The Council observed that the amount provided for non-recurring expenditure in the temporary campus can be used to provide transit/temporary facilities required for running the institution till the permanent campus is fully constructed. It has been observed that the detailed DPRs required for preparation of Master Plan with the help of qualified Architect firm which itself would need to be put in place after due procurement process.

It was decided to expedite the appointment of the Board of Governors, Directors and Faculty for these campuses. In order to obviate the requirement to appoint Visitor nominee separately for each IIT, it was suggested to have one long-list of Visitors nominees which different IITs can use and complete the recruitment.

The Council resolved that all the 6 new IITs should strive to complete their DPRs by end of October, 2016 so that they could be taken for approval of the Competent Authority.



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

**Item No. 50.9: To consider the progress in creation of HEFA and the measures to be taken to use the facility.**

The Council noted the steps taken for implementing Higher Education Funding Agency (HEFA). The IITs have stated that as per existing procedure, all the internal accruals are being set against the overall non-plan requirement and as such nothing is left for escrowing to the HEFA. The IITs have requested that in view of the provisions of the HEFA, the internal accruals should be set aside for escrowing to HEFA and not be counted against the non-plan requirements.

It was clarified in the Council that the funds drawn from HEFA would be in addition to their Plan and non-Plan grants already being given and not in lieu of that.

**Item No. 50.10: To consider Project Vishwajeet for improving Global Ranking of (7) IITs.**

The Council approved *in principle* the project Vishwajeet which proposed specific interventions for strengthening the 7 IITs to help them to come up into the Top 100 World University Rankings.

It was decided that these IITs should come up with project proposals by mid-September, 2016 after due deliberations in the Directors' meeting proposed on 11<sup>th</sup> September, 2016.

It was also clarified that as and when any other IIT comes into the Top 500 in the global rankings, they could be extended the similar benefits.

In order to further strengthen IITs financially, it was decided to write to Department of Science & Technology and DietY who have been awarding research projects to IITs to allow 25% as the institutional overheads for every research project awarded to IITs.



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

**Item No. 50.11: Project 100K by 2020: Increasing intake through non-resident students.**

The Council approved in-principle, the proposal for increasing the overall students strength in the IITs to one lakh by the year 2020 and desired all IITs to examine the possibility of increasing the annual intake in UG, PG and Ph.D programmes keeping in view the requirement of maintaining high quality teaching-learning process, and allowing for non-resident students. This exercise may be completed before first bulletin to be issued for the JAB 2017 (in September, 2016).

**Item No. 50.12: Strategies for filling up all vacancies: (a) Campus recruitment of PhD students from IITs and (b) recruitment of foreign faculty – consideration and approval of amendment to the Statute.**

The council noted with concern the large number of faculty vacancies and directed all IITs to launch a drive to identify and recruit high quality faculty to fill them up.

The Council has also recommended a proposal to count 5 PhD students being equal to 1 faculty member - for the purpose of calculating faculty-student ratio and desired that orders to this effect may be issued immediately.

In order to ensure that foreign faculty is recruited in adequate numbers, the IIT Alumni Centres were requested to help in identifying suitable foreign students completing PhD in reputed universities working on the areas relevant to IITs.

Based on this database, the process of recruitment of foreign faculty should be taken up. It shall be ensured that the process is made simple and transparent facilitating recruitment in one central location.



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

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**Item No. 50.13: Approval of the Prime Minister's Research Fellows Scheme.**

The Council approved the proposal for awarding (1000) "**PM Research Fellows**" (PMRFs) annually for the B Tech students studying in IITs and have secured atleast 8.5 CGPA. The PMRF allows direct admission to the PhD programme for 5 years carrying a fellowship of Rs.60,000 per month and a suitable research grant which could cover the expenses for attending international conferences etc. The expenditure on the PMRF would be provided to the IITs over and above the Plan grants from the year 2017-18.

**Item No. 50.14: Reform of the M Tech programme: (1000) Teaching assistantships.**

The Council considered the proposal for providing (1,000) teaching assistantships in the M.Tech programme for the best of M.Tech students carrying a fellowship amount of Rs.25,000/- per month. While taking note that many of the students have been leaving M.Tech programme on getting jobs in PSUs etc. the Council desired to write to all such PSUs to allow these students to join after they complete their M.Tech programme. The Council also approved the proposal to recover the entire fellowship amount from the students if they leave the programme midway.

**Item No. 50.15: Report of the Joint Admission Board (JAB) meeting held on 21<sup>st</sup> August, 2016 and measures for future.**

The council noted the report of JAB 2016 presented by the Director, IIT Guwahati and directed that performance of the students, who have taken examination in the vernacular languages, be assessed. The council also noted that JAB has already appointed a Committee



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

to examine the ways to improve the participation of girls in the B.Tech programme.

**Item No. 50.16: 3 -Weeks induction module for all 1<sup>st</sup> year B Tech Students.**

The Council appreciated the presentation made by the Director IIT-BHU on a 3-week induction programme for all B.Tech students for improving the basic skills and values required for undertaking the prestigious programme. The Council desired that all other IITs should prepare a similar induction programme and implement the same in their institution.

**Item No. 50.17: National Aptitude Test.**

The council examined the proposal for NAT designed to test the engineering aptitude of students of class 11 and 12 and decided to run this test on a pilot basis on a voluntary mode for allowing the students to test the aptitude themselves. The modalities for designing the test may be worked out by the Chairperson of the SCIC, Prof. Ashok Misra.

**Item No. 50.18: Interest free Loan Scheme for IIT students.**

The council noted with concern the difficulties being faced by IITs in view of the large number of exemptions given from payment of fee and the doubtful income certificates being filed by students to get exemptions given by the Government.

It was decided to request all the IITs to cross-check a few of the income certificates to elicit their accuracy, if necessary with the assistance of CBDT. The Council has further decided that based on





F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

such verification and critical examination of the implementation of the scheme, a suitable decision can be taken at a subsequent date.

**Item No. 50.19: Uchhatar Avishkar Yojana: progress and future steps.**

The Council noted with satisfaction that process of implementation of Uchhatar Avishkar Yojana has been completed for the first year with the active participation of all Ministries and Departments. It was decided that Chairperson of the IIT Council may write all the Ministries congratulating them for their participation and request for increased research grants in the budget from year 2017-18.

**Item No. 50.20: IMPRINT - progress and future steps.**

The council noted the progress in the implementation of IMPRINT initiative.

**Item No. 50.21: GIAN- and the follow up project GRIN.**

The Council reviewed the action taken in implementing the GIAN programme and approved *in principle* the proposal for taking forward this initiative through launch of Global Research Interactive Network (GRIN) as presented by Director IIT-Kharagpur. It was decided that this proposal may be processed for approval of the competent authority.

**Item No. 50.22: IIT PAL (IIT Professor assisted learning).**

The Council noted with satisfaction the progress made by the IIT-Delhi in implementing IIT- Professor Assisted learning (IIT-PAL) for training of Class 11<sup>th</sup> and 12<sup>th</sup> students in scientific understanding of core subjects and requested all the IITs to participate in this effort by nominating their best teachers for the programme.



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

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**Item No. 50.23: Setting up of Advanced Leadership Training Centre (ALTC) at IIT Roorkee's Noida Campus.**

The council approved the proposal for setting up of LEAD – Leadership Academy, as presented by Director IIT-Roorkee and desired that steps may be taken for its early setting up. It should be fully a self-subsisting proposition with no dependence on government grants.

**Item No. 50.24: Admission of International students in the IITs.**

The Council noted the progress made in providing access to international students in IITs as presented by Director IIT Bombay. It was decided to request Director IIT-Bombay to work out a proposal for the fee chargeable from the foreign IIT students in UG and PG.

**Item No. 50.25: Facilitation for the foreign faculty.**

The difficulties being faced by the foreign faculty coming to teach in IITs in securing the visa were discussed by the Council and it was decided to take up the matter with Ministry of Home Affairs and Ministry of External Affairs.

**Item No. 50.26: Pension portability with respect to mobility of faculty and non-faculty personnel to new IITs to be brought at par with the older IITs.**

The proposal for allowing pension portability to the new IITs was not agreed to. It was felt that if experienced persons from the State Govts. or any other organization are required to be taken into IITs, they may be taken on the tenure/deputation route which is already available.



F No: 19-5/2014 TS.1

Department of Higher Education  
Ministry of Human Resource Development

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**Item No. 50.27: Authorizing Board of Governors of IITs to decide about establishment of not-for-profit society/ company by the Institute.**

The proposal to authorize the Board of Governors of IITs to decide about establishment of not-for-profit society/ company by the Institute, was approved.

**Item No. 50.28: Revision of the tuition fee for the M Tech students.**

The Council felt that the revision of tuition fee for the M.Tech. Students of the IITs needs detailed and in-depth examination and therefore the consideration of this item was deferred.

**Item No. 50.29: Campus schools in the newer IITs.**

The council advised all IITs to go for setting up of Kendriya Vidyalayas in their Campuses and not for setting up private schools. However, the final decision in this matter may be taken by the BoG concerned.

**Any Other Item**

**Item No. 50.30: Travel grant of Rs. 2.5 lakh for Ph.D students.**

The proposal for making a provision of travel grant of Rs.2.5 lakhs for PhD students to attend international conferences raised by Director IIT-Patna was discussed and it was decided to defer this for a more detailed examination.

While thanking all the participants especially the Chairpersons and Directors of various IITs, it has been decided that henceforth the IIT Council meeting should be held twice a year. The meeting ended with a Vote of Thanks to the Chair.

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**Annexure –I**

**List of Participants**

**50<sup>th</sup> Meeting of the Council of IITs held on 23<sup>rd</sup> August, 2016 at IIT-Delhi under the Chairpersonship of Hon'ble HRM.**

<b>S. No.</b>	<b>Name and Designation</b>
1.	Shri Prakash Javadekar, Hon'ble Minister of Human Resource Development
2.	Shri Mahindra Nath Pandey, Minister of State, H.R.D.
3.	Shri Ninong Ering, Member of Parliament (Lok Sabha)
4.	Dr. Pawan Goenka, Chairperson, BoG, IIT Madras
5.	Sh. Kumar Mangalam Birla, Chairperson, Board of Governors, IIT Delhi
6.	Dr. Srikumar Banerjee, Chairperson, BOG IT Kharagpur
7.	Prof. Ashok Misra, Chairperson, Board of Governors, IIT Roorkee
8.	Dr. Rajiv I. Modi, Chairperson, BOG, IIT Guwahati.
9.	Shri R.C. Bhargava, Chairperson, BOG, IIT Kanpur.
10.	Shri V.S. Oberoi, Secretary(HE), MHRD
11.	Dr. B.V.R. Mohan Reddy, Chairperson, BOG, IIT Hyderabad.
12.	Mrs. Lila Poonawalla, Chairperson, Board of Governors, IIT Ropar
13.	Prof. Girish Chandra Tripathi, Chairperson, BOG IIT (BHU), Varanasi.
14.	Prof. Devang V. Khakhar, Director, IIT Bombay
15.	Prof.V.Ramgopal Rao, Director, IIT Delhi.
16.	Prof. Indranil Manna, Director, IIT Kanpur
17.	Prof. Partha P. Chakrabarti, Director, IIT Kharagpur
18.	Prof. Bhaskar Ramamurthi, Director, IIT Madras
19.	Prof. Gautam Biswas, Director, IIT, Guwahati
20.	Prof. Pradipta Banerji, Director, IIT Roorkee
21.	Prof. Rajeev Sangal, Director IIT (BHU) Varanasi
22.	Prof. C.V.R. Murty, Director, IIT, Jodhpur

23.	Prof. Amit Prashant – <b>for Director, IIT Gandhinagar</b>
24.	Prof. Pushpak Bhattyacharya, Director IIT Patna
25.	Prof. U.B. Desai, Director, IIT Hyderabad
26.	Prof. Sarit Kumar Das, Director, IIT Ropar
27.	Prof. R.V. Rajakumar, Director, IIT Bhubaneswar
28.	Prof. Timothy A. Gonsalves, Director, IIT Mandi
29.	Prof. Pradeep Mathur, Director, IIT Indore
30.	Prof. Anil D. Shahsrabudhe, Chairperson, AICTE.
31.	Prof. Ashok Jhunjhunwala, Deptt. of Elect. Engg., IIT Madras
32.	Dr. (Mrs.) Tessy Thomas, Outstanding Scientist' & Director, Advanced Systems Laboratory (ASL), Hyderabad.
33.	Prof. Vijaylakshmi Ravindranath, Centre for Neuroscience, IISc, Bangalore.
34.	Dr. S.K.Joshi, Former D.G. CSIR, New Delhi
35.	Prof. R.C. Bhudhani, I.I.T. Kanpur.
36.	Prof. D.C. Panigrahi, Director, IIT (ISM) Dhanbad.
37.	Shri R. Subrahmanyam, AS (TE), MHRD
38.	Shri Sanjeev Mittal, Joint Secretary, Ministry of Information Technology.
39.	Ms. Darshana M. Dabral, JS&FA, MHRD
40.	Mrs. Tripti Gurha, Director (IITs), MHRD, New Delhi
41.	Ms. Prisca Mathew, Under Secretary (IITs), MHRD
42.	Shri V.K. Wadhwa, Project Officer, Secretariat of Council of IITs
43.	Shri Arun Kumar Karan, ASO, MHRD
44.	Shri Mohit Gupta, ASO, MHRD
45.	Ms. Heena, ASO, MHRD

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**Annexure -II**

<b>Outgoing Members of the Council</b>	
1.	Smt. Smriti Zubin Irani, Hon'ble HRM
2.	Prof. M. Anandakrishnan, Chairperson, BOG IIT Kanpur.
3.	Dr. Anil Kakodkar, Chairperson, BOG IIT Bombay
4.	Dr. Vijay P. Bhatkar, Chairperson, BOG, IIT Delhi
5.	Dr. R.P. Singh Chairperson, BOG, IIT Guwahati
6.	Shri S.K. Roongta, Chairperson, BOG, IIT Bhubaneswar
7.	Prof. K. Gupta/Prof K. Thyagarajan, Oficiating Director, IIT Delhi.

<b>New Members of the Council</b>	
1.	Shri Prakash Javadekar, Hon'ble HRM
2.	Shri Mahindra Nath Pandey, Minister of State, H.R.D.
3.	Sh. R.C. Bhargava, Chairperson, BOG, IIT Kanpur
4.	Shri Dilip Shanghvi, Chairperson, BOG, IIT Bombay.
5.	Shri Kumar Mangalam Birla, Chairperson, BOG IIT Delhi.
6.	Dr. Rajiv I. Modi, Chairperson, BOG, IIT Guwahati
7.	Shri Pankaj Rambhai Patel, Chairperson, BOG, IIT Bhubaneswar
8.	Prof. V. Ramagopal Rao, Director, IIT-Delhi

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