

**Minutes of the 47th meeting of the Council of IITs held on Friday, the
16th September, 2013**

The 47th meeting of the Council of the Indian Institutes of Technology (IITs) was held under the Chairmanship of Dr. M.M . Pallam Raju, Hon'ble Minister of Human Resource Development on Monday, the 16th September, 2013 at Manekshaw Centre, New Delhi. The list of Participants is at **Annexure -I**.

The issues discussed and decisions taken are summarized below:-

Item No.47.1: To confirm the minutes of the 46th meeting of the Council of IITs held on 07.01.2013

The Minutes of the 46th meeting of the Council of IITs held on 7th January, 2013 were confirmed, as circulated.

Item No.47.2: To Report Action Taken on the Minutes of the 46th meeting of the Council of IITs held on 07.01.2013

The Council noted the status of Action Taken Report (ATR) [Annexure – II of Agenda] on its decisions with the observations/decisions indicated against each, as under:-

47.2 (i) Performance Review of Directors

The Council deliberated the decision of the IIT Council taken at its 46th Meeting held on 07-01-2013 especially on evolving a template on core issues for evaluation, while allowing the performance review to reflect the unique features of each IIT.

Since each IIT has its own distinctive features, the SCIC will suggest broad parameters on which the Director's performance could be appraised. These could include inter-alia, efforts made to strengthen academic processes, such as quality faculty recruitment/retention, research and innovation, student/employee satisfaction, infrastructure, green campus, generation of internal resource and any other factor distinctive to the institutional goals on which the Director would be expected to deliver.

Further suggestions in this regard could be sent to the Member Secretary, SCIC [AS (TE)] and the SCIC would recommend a broad template for approval to the Chairman of the Council.

47.2 (ii) External Peer Review of IITs

The Council noted the fact that the comprehensive guidelines on external peer review were issued. Most IITs reported initiating internal review at the departmental level as a step towards external peer review and decided as follows.

(a) Internal review at the departmental level should involve persons from outside for greater objectivity, as IITM indicated that they were involving experts from industry, research lab and academia. A key focus area should be undergraduate level innovation and laboratory facilities.

(b) The revised time lines suggested by the SCIC were approved, viz,

- i. Internal review should be completed by December 2013
- ii. The panel for external peer review should be submitted to the Council by October 2013
- iii. The external peer review methodology should be firmed up by the institutes and posted on the IIT Council website
- iv. External peer review should be initiated latest by February 2014
- v. SCIC should meet regularly to monitor the progress made in this direction

47.2 (iii) Augmentation of Ph.Ds in IITs

Action taken on the recommendations of the Kakodkar committee to augment Ph.D was noted. Since the guidelines have already been issued by the Ministry, IITs need to now implement them.

a. It was observed that 46.7(iii)1 regarding conversion of the two year M.Tech. programme into a dual degree programme of M.Tech. and Ph.D. after 1st year of M.Tech. is already being implemented.

b. It was noted that direct enrolment into PhD programme after B.Tech., recommended by Kakodkar Committee as mentioned at 46.7 (iii) 2, for selection of bright B. Tech.s into the Ph.D programme has also been implemented by IITs.

It was suggested that the students will be assessed and offered a Ph.D seat for the next academic year (after they complete their B.Tech) around November-December, when they are in the 7th semester. In such cases, it was decided to exempt students from CFTI from GATE examination, provided they have a CGPA of at least 7.0. IITs may devise their own additional selection criterion.

c. For the scheme of lateral transfer of top 10% students from NITs at the end of 3rd year to the IITs with an understanding of continuation in the PhD programme, GATE may be waived off. The above condition on CGPA would apply here too.

IITs should finalise the procedure for selecting the top 10% of the students from NITs for Ph.D. This may be shared with the SCIC and the Ministry. Based on this, NITs can identify their top 10% students in the 3rd year.

d. Action taken may be reported on the IIT Council web site on a regular basis so that the number of students so augmenting the Postgraduate programmes in IITs can be placed before the Council in its next meeting.

47.2 (iv) Green Technologies and Sustainability Agenda

The guidelines issued by the MHRD on the subject and the Action Taken Report of the IITs were noted indicating efforts at recycling of water use of solar energy, construction of energy efficiency buildings, segregation of solid waste etc.

Specially notable were the initiatives of IITM to preserve bio diversity on the campus, and of IITB to formulate a scientifically precise and quantifiable framework for creating a green campus as it sought to institutionalize the green audit process in an inter-disciplinary research centre and was informed by the vision of treating the IIT campus as a microcosm of the larger, more complex surrounding environment. Other IITs should similarly initiate a methodical green audit of the IIT campus and identify

solutions towards implementing the green agenda guidelines. Keeping the above in view, the following was decided.

- a) Greater and more vigorous efforts are needed to implement the green agenda. In particular attention was drawn towards the challenge of disposal of Chemical waste coming from labs that needed to be addressed.
- b) Each IIT will formally set up the Green Office so that this activity can be implemented in a planned, transparent and accountable manner.
- c) The process and outcomes of the implementation of the green agenda guidelines will be placed on the IIT Council website regularly.

47.2 (v) IIT-NIT Faculty Teacher Scheme

Efforts should be made to implement the scheme of Faculty trainee from the academic year 2014. For this, the NITs have to expedite the process of identifying the interested students.

47.2 (vi) Transparency in process for projects and procurement along with performance

The action taken with regards to labour welfare and community outreach was noted. The work done by IIT Gandhinagar was appreciated, wherein the CPWD contractor mandatorily provides for basic safety and welfare measures, including residential facilities, crèches, monitoring of the payment of dues/just wages, grievance redressal mechanism etc.

The exemplary practices of IIT Gandhinagar should be introduced in all IITs and be shared on the IIT Council Website. The SCIC will continue to monitor the progress made in this regard.

47.2 (viii) Conversion of ISM Dhanbad into an IIT

The Council noted that a committee under the Chairmanship of Prof. Ashok Mishra, has been set up with the approval of the Chairman Council and that report of the Committee, as and when received will be placed before the IIT Council for consideration.

Item No.47.3: To report changes in the membership of the Council.

The Council welcomed the new members and placed on record its appreciation for the service rendered by the outgoing members. The list of outgoing and new members is placed at **Annexure-II**.

Item No.47.4: Ratification of appointment of Directors of IIT BHU-Varanasi, Guwahati and Kharagpur.

The Council ratified the appointment of Prof. Rajeev Sangal as Director, IIT BHU Varanasi, Prof. Gautam Biswas as Director, IIT Guwahati and Prof. Partha P. Chakrabarti as Director, IIT Kharagpur as listed in the Agenda. The Secretary informed the Council that after the issue of Agenda of the Council, appointment of Prof. C.V.R. Murthy as Director, IIT Jodhpur has been made. Accordingly, the Council also ratified the appointment of Prof. C.V.R. Murthy as Director, IIT Jodhpur.

Item No.47.5: To consider the recommendations of the 2nd meeting of the Standing Committee of IIT Council (SCIC)

The recommendations of the SCIC made at its meeting held on 24th July, 2013 were discussed. The decisions of the Council on each of the recommendations of the SCIC are as under:-

(i) Composition of the Search-cum-Selection Committee for the post of Director of IITs.

After brief discussion, the Council accepted the recommendations of the SCIC on reconstitution of the Search-cum-Selection Committee for the post of Director of IITs. The Council, however, desired that Secretary (HE) should be associated on the Search-cum-Selection Committee (ScSc) as “Special Invitee”. Accordingly, it was decided that the ScSc for the post of Director of IITs will henceforth be as under.

1.	Minister of HRD/Chairman IIT Council	..	Chairman
2.	Two persons from panel prepared by SCIC, to be selected by the Chairman, IIT Council.	..	Members
3.	Chairman, Board of Governors of the concerned IIT.	..	Member

4.	Chairman, SCIC (If he happens to be Chairman of the concerned IIT, then the Chairman of the Board of Governors of another IIT will be nominated by the Chairman, IIT Council.	..	Member
5.	Secretary (HE), MHRD	:	Special Invitee
6.	Additional Secretary/Joint Secretary in-charge of IITs	..	Non-member Secretary

(ii) Search-cum-Selection process of the Director of an IIT

There was considerable discussion on the recommendation of the SCIC on the appointment of an IIT Director regarding the process to be followed for considering an incumbent director. The concerns raised related to whether the proposal of the SCIC would compromise the opportunity to wider contestation. Most Council members however supported the proposal and decided as under:-

- (a) A rigorous evaluation of the incumbent director would be undertaken by the ScSc committee appointed by the Chairman of the Council, almost nine months in advance of the completion of the term.
- (b) The annual appraisal reports of the Director would be considered.
- (c) The report of the external peer review Committee on institutional performance would be considered as it would indicate the efforts of the Director in addressing critical issues of the institute.
- (d) This kind of a performance based review would be a far more rigorous than just a proforma based brief discussion.
- (e) If the incumbent Director is adjudged as outstanding by the ScSc, the ScSc will recommend the incumbent for a second term.
- (f) In case, the ScSc is of the view that the incumbent director's performance has not been outstanding, the ScSc will then recommend that the post be advertised.
- (g) The incumbent director so evaluated (but not recommended for a second term) may if he/she so desires, also apply in response to the advertisement, to be considered along with the other applicants.

(ii) Proposal for Technical cadre for IITs

The SCIC recommendation of creating a technical cadre for IITs to strengthen the technical resource support for research was discussed in the context of increased emphasis on research and of advanced equipments that need a strong technical support system. To enable this, the following decisions were taken:-

- a) The Council approved the SCIC recommendations to create a technical cadre for IITs.
- b) To meet the urgent requirement of Technical Staff, as an interim measure IITs may start recruitment measure in this cadre against anticipated attrition of non-Technical, non-faculty post upto the Faculty-Staff ratio 1:1.3 temporarily as against the sanctioned ratio of 1:1.1. Further over the period of time this increased ratio may be brought back to 1:1.1.
- c) Each IIT where temporarily the ratio will exceed the stipulated ratio will submit a detailed proposal with justification to MHRD as sanction of posts in excess of the approved ratio will need approval of the Ministry of Expenditure.

(iii) Combined panel of Visitor's nominees for all IITs for selection to the post of Professor of IITs.

The Council approved the recommendations of the SCIC for having a combined panel of Visitor's nominees for all IITs for selection to the Professor of IITs.

(iv) Involvement of IITs in the Ranking System.

The issue of ranking was discussed at length. It was noted that IITs are world class institutions in the under-graduate engineering programmes. However, IITs are not comprehensive universities, though they have small social science departments and business schools. It was suggested that they should be ranked in the engineering and technology category. (QS, for example, publishes rankings by 'faculty'). In such a ranking, the IITs figure in the 40-60 range. Many leading US universities with good engineering schools are closer or lower ranked. There is scope for improving the ranking of IITs in this category.

The Council approved the decision of the SCIC to set up a committee and noted that the committee had met with the QS team and was to have a discussion with THER soon. The recommendation of the Ranking committee would be submitted to SCIC identifying action that could be taken to improve the overall ranking of the IITs. Since the visibility of the institution also has a bearing on the ranking of the institutes hence, institutes should strengthen their Public Relations Office and its functioning.

(v) Revision of PDA for all faculty; Admissibility of PDA, LTC and Chair for Directors.

The Council noted that small Committee to look into admissibility of PDA, LTC and Chair for Directors has been constituted by the SCIC and its report as and when received will be placed before the SCIC/ Council for consideration / approval alongwith the views of the IFD on MHRD.

(vi) Leadership Development Programmes for senior functionaries of IITs holding administrative positions

The Council approved the SCIC's proposal for professional development Programmes for senior functionaries of IITs holding administrative positions.

Item No.47.6: Process for appointment of Director.

As per the past practice followed during the last 50 years or so, the Council authorized the Chairman, IIT Council to approve issue of appointment order of the Director of an IIT on its behalf by Secretary to the Council, after seeking prior approval of the Visitor. The appointment so made is placed before the IIT Council in its following meeting as per the present practice.

The Council approved the proposal and also ratified the practice that has been followed so far.

Item No.47.7: Need for accreditation of courses in IITs

To begin with, the internal evaluation report of the IITs would be accepted as accreditation and would be shared with NBA. The meeting on this, would be coordinated by Secretary (HE).

Item No.47.8: Steps towards Financial reform.

a) Revised Block Grant Scheme: The Council took note of the suggestions made by IIT Directors on financial reform and the fact that the Cabinet had accorded approval to the Block Grant scheme to make non-plan transfers transparent and adequate to meet incremental increases in operational costs by indexing the quantum of fiscal transfer to CPI. Director, IIT Delhi however pointed out the discrepancy between the Block Grant for the IISc Bangalore and for the IITs that not only creates a misperception about the postgraduate programmes in IIT, but in effect attenuates the quantum of funding available to the Ph.D students in IITs as compared to IISc.

The Council decided as under:-

- i. IITs would make all efforts to augment internal revenue generation.
- ii. The discrepancy pointed out by Director IITD would be examined in the course of the implementation of the Block Grant scheme for further refinement, if needed.

b) Proposal for augmenting fiscal resources by changing the fees payment policy

The Council approved the proposal that all the students pay the fees and those who are exempted from paying fees by the Government policy receive the required amount of funds as fee scholarships through the direct benefit transferred scheme. A meeting would be sought by MHRD at the Cabinet Secretariat level to optimize the benefits of scholarship schemes available with various Ministries through a Committee of Secretaries.

Item No.47.9: Transparency and Accountability: IIT Council Web-Portal.

Prof. Indranil Manna, Director, IIT Kanpur made a brief presentation on the salient features of the IIT Council Web-portal. He further stated that a Committee with representatives from all the IITs would together select a professional web designer to design its architecture. The members of the Council were requested to send their suggestions/views on improvement of the Web-portal to Prof. Manna, Director, IIT-Kanpur.

Item No.47.10: Review of the status of faculty shortages in the old and the new IITs.

The Council expressed concern on the shortage of faculty. The Directors indicated that the older IITs had begun to catch up on the faculty-student ratio by 2006-07 taking advantage of the increased rate of returnees from abroad with Ph.Ds. IITM, for example, had come upto 1:12 after a spate of retirements around 1998-2000. Then the 54% capacity expansion pushed the FSR back to 1:16 or so. IITs continue to recruit at the net rate of about 30 faculty per year for several years now. A large fraction of these are with degrees from abroad and from prestigious universities. At the current rate of induction, IITs would be able to reach 1:12 by 2016-17, and 1:10 by 2020. The issue of appointment of foreign nationals on regular faculty positions was also discussed. The Council decided as under:-

- a) MHRD would try to resolve the issue of appointment of foreign nationals as faculty member which necessitates the prior approval of the Ministry of Home Affairs and payment of minimum salary.
- b) All efforts to recruit faculty members including hiring of Guest faculty and Adjunct Faculty would be made and regularly reported on the IIT Council website. Reasons for delays in the recruitment process would be identified and resolved.

Item No.47.11: Review of the status of the Infrastructure Development of new IITs.

The status report on infrastructure development of the New IITs was noted. As originally planned, all new IITs were to shift to their permanent campus by 2013. Most

of the Directors informed that they would start shifting to their permanent campuses by the middle of 2014.

Item No.47.12: Approval of 1st Statute of IIT Hyderabad, IIT Bhubaneswar and IIT Patna.

It was decided to refer the matter to the Standing Committee of the Council of IITs (SCIC) for examination and making suitable recommendations to the Council of IITs.

Item No.47.13: To consider the Report submitted by the Committee regarding MACPS.

It was noted that the Council in its meeting held on 14.09.2011 had decided that when an Employee of an IIT gets financial upgradation under the Modified Assured Career Scheme (MACP), he/her designation will also change. Accordingly a Small Committee under the Chairmanship of Prof. S.M. Ishtiaque, the then Dy. Director (Admn.) was constituted to frame a document showing pay scales (Pay Band and Grade Pay) and corresponding designation for which employees of IITs would be eligible to get their financial upgradation under the MACP Scheme.

Director, IIT Delhi informed that members of the Coordination Committee of all IITs Employees Unions/Association had a Meeting with all the Directors on 15th September, 2013 evening and requested that the consideration of this issue may be deferred. Accepting the suggestion of the IIT Directors, Council decided to defer the consideration of this item to its next Meeting.

Item No.47.14: Creating an ecosystem of quality.

The initiatives of IITs in engaging with non-IIT engineering institutes through TEQIP were appreciated. It was noted that IIT Kanpur, IIT Hyderabad, IIT Madras and IIT Bombay have started such interactions and the others were requested to do so as well. Detailed guidelines on this are on the IIT Council website.

Item No.47.15: IITs interface with National Development Agenda.

IITs as premium technical education institutions have endeavoured to engage with national development goals through the research grants that they receive from various Government Ministries with defence being a high priority area. The Council noted that the Steering Committee under the Secretary (Higher Education), to explore potential areas of partnership in research as well as on promoting and institutionalizing IIT –DRDO collaboration had met on 3rd June, 2013. After considerable discussion, it was decided that the following action would be pursued.

- i. To begin with a cell may be set up in each IITs consisting of officials from DRDO and IIT. The cell shall identify the projects based on mutual interest, strength of the respective IITs. The cell may meet once in six months to review and approve the projects.
- ii. DRDO to extend its facilities to IIT researchers and/ create a research center for academician in each laboratory.
- iii. IITs to recognize DRDO laboratories as research centers for Ph.D programs and DRDO scientists as external research supervisors. Students pursuing Ph.D programme should be posted at these centres till completion of Ph.D.
- iv. IITs to offer adjunct professorship to serving/retired scientists of DRDO.
- v. DRDO to sponsor research scholarship to Ph.D. students working on defence related projects.
- vi. A joint working group may be established to arrive at a good working model with liberalized administrative procedures for joint fast-track research.
- vii. IITs who have introduced humanities courses can include defense studies related topics in the syllabus.

Similarly initiatives of IIT Bombay, IIT Roorkee, IIT Hyderabad, IIT Madras and IIT Kharagpur in connecting with each other as well as with other academic institutions such as IIMs, SPAs, TISS, NID, for exploring new and strengthening existing research systems as inputs into flagship programmes such as JNNURM was appreciated. IIT Kharagpur offered to anchor interconnected research initiative for augmenting food productivity and developing smart distribution systems as pilots that should be useful in the context of the Right to Food. Similar efforts of IITM in energy were noted.

The Council appreciated such initiatives of the IITs to consciously steer their research and knowledge systems toward national development goals and hoped that this would become increasingly significant in its networks, scale and impact.

Item No.47.16: Networking with Alumni

Prof Ashok Mishra shared information on the association of alumni that has been set up in Bangalore that could provide a forum for stepping up interaction with alumni. As the alumni invited for discussion on this agenda were not able to attend the meeting, further discussion on the agenda was deferred.

Item No.47.17: Presentation to be made by IIT Directors.

Presentations were made by the Directors of IIT Ropar, Hyderabad, Mandi, Indore and Patna. The remaining Directors would make their presentations in the next Council meeting. The presentations would be placed on the IIT Council website.

Item No.47.18: Culture -Technology Interface: Presentation by SPIC-MACAY

Prof. Kiran Seth, Prseident SPIC-MACAY made a brief presentation on the activities of the Society for Promotion of Indian Classical Music and Culture Amongst Youth (SPIC-MACAY). While appreciating the support form IITs, especially IIT Bombay, Dr. Seth requested greater participation of IITs in SPIC-MACAY activities & support. Secretary (HE) urged the Directors of IITs to engage & support SPIC-MACAY, as this organisation has a proven track record and has done excellent work in bringing music and cultural heritage of the country into the Campuses of universities and colleges.

In addition, Director IIT Gandhinagar shared the work initiated by IIT Gandhinagar on archaeological sciences in which the Ministry of Culture and the ASI have evinced active interest. The outcomes of these discussions were shared with the Council. The projects that the ASI has offered to the IITs to submit proposals were indicated and these would be placed on the IIT Council web site for information and action by all interested.

Further, it was indicated that the interdisciplinary initiatives by different IITs that bring togethr culture, science and technology as creative construction of

knowledge, innovative curriculum and pedagogy were being consolidated and encouraged in the format of Sandhi (Science and Heritage Initiative) an e-letter (the first having been developed by IIT Roorkee) as well as knowledge Centres, such as under discussion in IIT Gandhinagar and IIT Kharagpur. These initiatives could also look at the opportunities of reviving interest in classical language such as Sanskrit, indigenous knowledge systems and their contemporary relevance as scientific knowledge.

Item No.47.19: Decision of the Joint Admission Board (JAB) on JEE (Advanced)- 2014

The Council noted and approved the decision of the JAB to hold JEE (Advanced) – 2014 on the same criteria as followed for JEE (Advanced)-2013.

The meeting ended with a vote of thanks to the Chair.

* * * * *

List of Participants

47th Meeting of the Council of IITs held on 16th September, 2013 under the Chairmanship of Hon'ble HRM.

Sl.No.	Name and Designation
1.	Dr. M. Mangapati Pallam Raju, Hon'ble Minister of Human Resource Development
2.	Smt. Vasanthi Stanley, Hon'ble Member of Parliament (RajyaSabha)
3.	Shri Janardhana Swamy, Hon'ble Member of Parliament (LokSabha)
4.	Shri Deepender Singh Hooda Hon'ble Member of Pariliament (LokSabha)
5.	Shri Ashok Thakur, Secretary (HE), MHRD, New Delhi
6.	Dr. Vijay P. Bhatkar, Chairman, Board of Governors, IIT Delhi
7.	Dr. R.P. Singh, Chairman, Board of Governors, IIT Guwahati
8.	Prof. M. Anandakrishnan, Chairman, Board of Governors, IIT Kanpur
9.	Prof. M.M. Sharma, Chairman, Board of Governors, IIT Madras
10.	Dr. Lalji Singh, Chairman, Board of Governors, IIT (BHU), Varanasi
11.	Shri B.V.R. Mohan Reddy, Chairman, Board of Governors, IIT Hyderabad
12.	Shri Ajai Chowdhry, Chairman, Board of Governors, IIT Patna
13.	Prof. Goverdhan Mehta, Chairman, Board of Governors, IIT Jodhpur
14.	Prof. Devang V. Khakhar, Director, IIT Bombay
15.	Prof. R.K. Shevgaonkar, Director, IIT Delhi
16.	Prof. Gautam Biswas, Director, IIT Guwahati
17.	Prof. Indranil Manna, Director, IIT Kanpur
18.	Prof. Bhaskar Ramamurthi, Director, IIT Madras
19.	Prof. Pradipta Banerji, Director, IIT Roorkee
20.	Prof. Rajeev Sangal, Director, IIT (BHU), Varanasi

21.	Prof. Sudhir K. Jain, Director, IIT Gandhinagar
22.	Prof. Anil K. Bhowmick, Director, IIT Patna
23.	Prof. U.B. Desai, Director, IIT Hyderabad
24.	Prof. M.K. Surappa, Director, IIT Ropar
25.	Prof. Madhusudan Chakraborty, Director, IIT Bhubaneswar
26.	Prof. C.V.R. Murty, Director, IIT Jodhpur
27.	Prof. Timothy Gonsalves, Director, IIT Mandi
28.	Prof. Pradeep Mathur, Director, IIT Indore
29.	Prof. Partha P. Chakrabarti, Director, IIT Kharagpur
30.	Prof. Ashok Misra, Former Director, IIT Bombay & India Intellectual Ventures, Bangalore
31.	Prof. Ashok Jhunjhunwala, Deptt. of Elect. Engg., IIT Madras
32.	Prof. R.C. Budhani, Director, Director's Secretariat, NPL, New Delhi
33.	Prof. S.K. Joshi, Former Director General, CSIR
34.	Dr. V.K. Saraswat, DRDO (Former SA to Raksha Mantri) – Special Invitee
35.	Admiral D.S.P. Verma – Special Invitee
36.	Shri K.D. Nayak, CC&DS, DRDO (on behalf of Dr. Avinash Chandra)
37.	Smt. Amita Sharma, Additional Secretary (TE), MHRD, New Delhi and Secretary of the IIT Council.
38.	Shri Yogendra Tripathi, JS&FA, MHRD
39.	Shri Alok Mishra, Director (IITs), MHRD, New Delhi
40.	Shri R.N. Mishra ADG – PIB
41.	Shri S. Gopal Krishna, Under Secretary, MHRD
42.	Ms. Prisca Mathew, Under Secretary, MHRD
43.	Shri R.A.S. Kushwaha, Project Officer, Secretariat of Council of IITs
44.	Shri V.K. Wadhwa, Project Officer, Secretariat of Council of IITs
45.	Shri. Kamal R. Saha, Project Officer, Secretariat of Council of IITs

Annexure -II

Outgoing Members	
1.	Prof. T. Ramasami, Chairman, Board of Governors, IIT Ropar
2.	Prof. Dhananjai Pandey, Former Officiating Director, IIT (BHU), Varanasi
3.	Prof. S.K. Som, Former Officiating Director, IIT Kharagpur
4.	Prof. Gautam Barua, Former Director, IIT Guhawati
5.	Prof. Prem Kumar Kalra, Former Director, IIT Jodhpur

New Members	
1.	Prof. V.S. Ramamurthi, Chairman, BOG, IIT Ropar
2.	Prof. Rajeev Sangal, Director, IIT (BHU), Varanasi
3.	Prof. Partha P. Chakrabarti, Director, IIT Kharagpur
4.	Prof. Gautam Biswas, Director, IIT Guhawati
5.	Prof. C.V.R. Murty, Director, IIT Jodhpur