Indian Institute of Technology Jodhpur
Board of Governors

Minutes of
Twelfth Meeting

27 November 2014 (Thursday) at 11:00 am
Board Room, IIC Annexe, New Delhi

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The following Members were present:

1. Goverdhan Mehta FRS, FNA, School of Chemistry, University of Hyderabad — Chairman
2. Kiran Karnik, Former President, NASSCOM, Mumbai — Member
3. D. R. Mehta, Chief Patron, Bhagwan Mahaveer Viklang Sahayata Samiti, Jaipur — Member
4. Pankaj Chandra, Former Director, IIM, Bangalore — Member
5. C. V. R. Murty, Director, IIT Jodhpur — Ex-Officio Member

The following members were unable to attend the meeting:

1. K. Vijay Raghavan, Secretary, DBT, Government of India — Member
2. Representative of Government of Rajasthan — Member

The following are the decisions of the *Committee* on the items of the Agenda:

S.No.	Item	Decisions
12.1	**WELCOME BY THE CHAIRMAN**	
	The Chairman welcomed the Members, and briefed them on the Agenda of this meeting.	
12.1.1	**Confirmation of the Minutes of Eleventh Meeting of Board of Governors held on 15 July 2014**	
	The Minutes of the *11th Meeting* of the *Board of Governors* were confirmed as circulated, as no comments were received.	
12.1.2	**Report on Action Taken**	
	The Board noted the *Action Taken Report* on the various decisions taken during *11th Meeting* of the *Board of Governors*.	
12.2	**INSTITUTE REPORT BY THE DIRECTOR**	
	The Director made a detailed presentation on the current status, initiatives undertaken in the past year, and the proposals for the new initiatives to be undertaken in the year ahead. The Board discussed the various matters in detail, and decided the following:	
	(A) Human Capital	
	(1) The Board reviewed the current strength of Faculty and Staff Members in the light of difficulties faced in hiring quality Faculty Members (especially in engineering disciplines). The Board took note of the efforts made by the Director to put in place an active system for Faculty Recruitment. The Director proposed that IIT Jodhpur needs to engage *Adjunct Faculty*, *Visiting Faculty* and *Guest Faculty* as a short term measure to overcome shortage in teaching courses and stimulating research activity. As a long-term measure, it was suggested that the Director visit some leading institutes and universities to scout for Faculty Members and also personally contact leading academics for inputs about promising young aspirants.	
	(2) The Board suggested that the Director engage with the newly recruited Faculty Members on regular basis and mentor them in the early days of their career at IIT Jodhpur. Also, the Board desired that a *Facilitation Manager* for Faculty be identified to help the new Faculty Members settle down quickly and pay attention to individuals problems/needs, like schooling, crèche and transport.	
	(3) The Board re-iterated the desirability of inducting *Senior Faculty Members* at the institute, preferably from one of the established IITs to help in academic mentoring and administration at the Institute. Special efforts be made by the	

Director in this regard.

(4) The Director raised the issue of expectations, responsibilities and accountability of Faculty Members. The Board of Governors suggested that a brief document be prepared through a consultative process for its consideration.

(B) Academics

(1) After reviewing the progress made over the last year towards evolving appropriate academic systems at the Institute, the Board suggested that the process be continued and, if need be, hold curriculum workshops for each Department by inviting specialists from academia and industry to examine the B.Tech., M.Tech. and Ph.D. curricula and courses.

(2) The Board expressed concern over the low research productivity of the Institute. It suggested that the Director should engage with Faculty Members to impress upon them the need for:

(a) Writing research proposals to external funding agencies (governmental and non-governmental) for competitive funding. Every Faculty Member is expected to have at least one externally funded project at any time;

(b) Endeavoring to publish research work in mainstream quality journals;

(c) Sharing ownership of the growth of the Institute and its image and creating a harmonious environment for all the stakeholders within the Institute; and

(d) Mentoring students to impart positive values and providing inputs in line with the vision of the Institute.

(3) The Board expressed its satisfaction that the industry immersion-based *Blended B.Tech Program* is picking up momentum. It suggested that the proposal be discussed with national R&D agencies, like Department of Space (Government of India) and Defence Research & Development Organization (Ministry of Defence, Government of India), and other leading private organizations, to provide exposure of students to national technological missions. Also, the Board suggested that while the participation of Faculty Members in industry program is useful and should be encouraged, but their summer engagement for 8 weeks in the Industry should be kept voluntary. In addition, it suggested that the Institute could explore offering Adjunct Faculty Members position to a few distinguished persons from the participating industries and organizations to share the ownership of the Program.

(4) The Board felt that the Institute position itself to align with some of the major national technological missions. The Board asked the Director to present a plan to achieve these strategic objectives of the Institute.

(5) Board re-iterated its commitment to develop and position IIT Jodhpur as "a top teaching-learning Institute carrying out high quality research".

(C) Others

(1) The Board reflected on the matter of engagement of Arid Forest Research Institute, Jodhpur, in the tree plantation effort of the Institute at its Permanent Campus. It expressed displeasure at the progress made so far, and suggested to close the project with AFRI and make the admissible payments. It advised the Institute to bring ready-made plants to the Permanent Campus just before the start of occupancy on completion of Phase 1 Development of the Permanent Campus.

12.3	**DISCUSSION ITEMS**
12.3.1	**Recommendations of 9th Meeting of Buildings and Works Committee held on 08 October 2014**
	Approved as proposed
12.3.2	**Recommendations of 4th Meeting of Senate held on 13 October 2014**
	Approved as proposed
12.3.3	**Recommendations of 7th Meeting of Finance Committee held on 27 November 2014**
	Will be placed at the next meeting
12.3.4	**Reports of Internal and External Peer Review**
	The Board accepted the reports of the Internal and External Peer Review Committees and suggested to: (a) implement all recommendations made therein, and (b) send the report of the External Peer Review Committee to IIT Council.

In particular, it decided to:

(1) Stop admissions to the B.Tech. (SS) and B.Tech. (BISS) Programs from July 2015;

(2) Plan for starting a B.Tech. Program in the broad domain of *Biological Sciences and Bio-Engineering* in consultation with a wider stakeholder group;

(3) Stop admissions to M.Tech. (E), M.Tech. (ICT) and M.Tech. (SS) Programs from July 2015, and instead start admissions to programs in classical disciplines, namely M.Tech. (CSE), M.Tech. (EE) and M.Tech. (ME) Programs;

(4) Approve in principle to start from July 2015 the two-year M.Sc Programs in the disciplines of Physics and Chemistry, but desired that it be ensured that these programs are broad-based enough to ensure that quality students are attracted to these programs and have adequate employment and higher education options; and

(5) Approve to recast the academic structures at the Institute. It agreed with the need to provide explicit identity to the Faculty Members and students, through formation of Departmental structure. The current center structure should be appropriately be subsumed into the new format.

12.3.5	**Report on Innovation and Incubation Center**

The Board expressed deep concern on lack of preparatory work, planning and operational mechanisms prior to starting such an important activity at the Institute. The Board accepted (in totality) the report of Professor H. P. Khincha for implementation in this regard by the Institute and suggested that it be done with minimal disruption of ongoing activities of the incubatees. Further, the Board suggested that the Government of Rajasthan be approached for the next installment of the Grant.

12.3.6	**Report on IIT Jodhpur Technology Park**

The Board approved in principle the establishment of *IIT Jodhpur Technology Park* on the Permanent Campus of IIT Jodhpur, with the initial activities in project mode related to

(a) *Solar Energy Technology Development* in association with Ministry of New and Renewable Energy, Government of India; and

(b) *Center for Advanced Materials and Electromagnetics (CAMEL)* in association with Ministry of Defence, Government of India.

Further, the Board suggested that before giving final go ahead, detailed guidelines be drawn up for managing the *Technology Park*, and placed before the Board for its consideration.

12.3.7	**Strategy for Solar Energy Technology Development at IIT Jodhpur**

The Board appreciated the progress made so far, and approved the strategy for the *Solar Energy Technology Development* at IIT Jodhpur, with the focus as proposed. Also, the Board approved the proposal of installing a *2MWe Solar Thermal Power Plant* in association with BARC (DAE, Government of India), and M/s Oil and Natural Gas Corporation, Mumbai. It suggested that the MoU with BARC and ONGC should clearly articulate:

(a) The sustainability plan for maintenance and functioning of the *2MWe Solar Thermal Plant* to be installed at the Permanent Campus of IIT Jodhpur, after the project duration; and

(b) The research and development related access to the facility for Faculty Members and Students of IIT Jodhpur.

12.3.8	**IPR Policy of the Institute**

While agreeing to the need for a comprehensive *IPR Policy* of the Institute, the Board desired that the same may be sent to the Legal Counsel of the Institute for vetting and the final document be placed at the subsequent meeting of the Board.

12.3.9	**Record Retention Policy of the Institute**

The Board approved the *Record Retention Policy* of the Institute as proposed.

12.3.10	**Appointment of Scholars-in-Residence**

The Board approved the appointment of four *Scholars-in-Residence* as proposed.

12.3.11	**Adjunct Faculty Member Appointment**

The Board after reviewing the status of Faculty Members available and the requirements for the future, revised the norms for the appointment of Adjunct Faculty Members, as below:

(a) The offer will be made by IIT Jodhpur for one year;

(b) The offer will be made to any serving senior or retired academician of standing from any IITs, IISc or National R&D Organisation and Industry;

(c) The *Adjunct Faculty Member* will be required to mentor Faculty Members of the Institute on teaching, research and/or industrial collaboration;

(d) The *Adjunct Faculty* will be expected to teach a course/module or deliver a series of lectures;

(e) The *Adjunct Faculty Member* is required to spend at least 10 days per semester at the Institute in a maximum of 3 visits;

(f) The Institute will pay Rs. 5,000 per day to *Adjunct Faculty Member*, reimburse travel cost as per Institute norms and provide local hospitality (stay, food and local travel); and

(g) The appointment of *Adjunct Faculty Members* would be approved by the Chairman, Board of Governors, on the nomination by the Director.

Also, the Board approved the appointment of three *Adjunct Faculty Members* as proposed for a period of 1 year.

12.3.12 Flexibility in Hiring of Non-Academic Staff

The Board approved temporarily flexibility in hiring non-academic staff tabulated below:

Group	Grade Pay (Rs.)	Post	Current Allocation	Revised Allocation
A	7600	DR	02	01
	5400	AR	03	04
C (Technical)	2800	ST	06	03
	2000	JT	14	17
C (Administrative)	2800	SA	02	0
	2000	JA	11	13

12.4 PROCEDURAL ITEMS

12.4.1 Constitution of Committee for Preparing the Statutes of the Institute

The Board decided that the Director will constitute a Committee in consultation with the Chairman, Board of Governors.

12.4.4 Norms for Seed Grant

After reviewing the status of the Seed Grants (or Start-up Grant) availed by Faculty Members so far, the Board approved provision of Seed Grant even after Faculty Members receive research grants from external funding agencies. But, the Seed Grant (or Start-up Grant) can be availed only once at the Institute by a Faculty Member.

12.5 REPORTING, ADOPTING AND NOTING ITEMS

12.5.1 Adoption of Circulars of MHRD

The Board adopted the circulars of MHRD.

12.5.2 Report of Faculty and Staff Members joining and resigning from the Institute

The Board noted the joining and resigning of Faculty and Staff Members.

12.6 RATIFICATION ITEMS

12.6.1 Engagement of Guest Faculty Members

Ratified as proposed

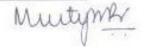### 12.6.2 Reports of Selection Committees

Ratified as proposed

12.6.3 Reports of Review Committees

The Board of Governors ratified the approvals granted by the Chairman, Board of Governors, with the modification that the dates of termination of services of Snehlata Jaswal and Abhishek Mishra be 31 December 2014.

12.6.4 Approval of Deputation of Mr. Chaman Lal Airi

Ratified as proposed

12.6.5	Constitution of *3rd Party Inspection Committee* for evaluating the Technical Bids of the contractors for Phase 1 Development of Permanent Campus of IIT Jodhpur at Karwad Village
	Ratified as proposed
12.6.6	**Approval of Adjunct Faculty Member, Dr. Kota Murali**
	Ratified as proposed
12.7	**ANY OTHER ITEM WITH THE PERMISSION OF THE CHAIRMAN**
12.7.1	**Nomination of IIT Council Nominee on the Board of Governors of IIT Jodhpur**
	The Board of Governors suggested the following panel of names to be sent to MHRD for consideration as IIT Council Nominee on the Board: (a) Professor V. K. Singh, Director, IISER Bhopal; (b) Professor Manindra K. Agrawal, Dean (FA), IIT Kanpur; (c) Professor Nalinaksh S. Vyas, Vice Chancellor, Rajasthan Technical University, Kota; (d) Professor Anurag Kumar, Chairman, Electrical Sciences Division, IISc; (e) Ms. Neelam Dhawan, MD, Hewlett Packard India Sales Private Limited, Gurgaon; and (f) Ms. Aruna Jayanthi, CEO, Capgemini India Private Limited, Mumbai.
12.7.2	**Reports of Selection Committees**
	Approved as proposed.
12.7.3	**Reports of Review Committees**
	Approved as proposed.

The Meeting ended with thanks to all Members of the Board of Governors.

C. V. R. Murty
Director, IIT Jodhpur

Approved

Professor Goverdhan Mehta
Chairman, Board of Governors, IIT Jodhpur