

INDIAN INSTITUTE OF TECHNOLOGY INDORE

Minutes

of the

TENTH (10th) MEETING

of the

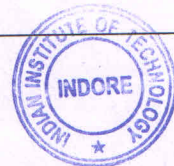
Board of Governors

held on

FRIDAY, SEPTEMBER 27, 2013

at

**Piramal Enterprises Ltd., 10th Floor, Piramal Tower, Ganpatrao Kadam Marg,
Lower Parel (West), Mumbai-400 013.**





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BOARD OF GOVERNORS

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The tenth meeting of the Board of Governors of the Indian Institute of Technology Indore was held on **Friday, September 27, 2013 at 3:30 p.m.** at Piramal Enterprises Ltd., 10th Floor, Piramal Tower, Ganpatrao Kadam Marg, Lower Parel (West), Mumbai - 400 013.

The following were present:

Mr. Ajay Piramal		: Chairman
Prof. Pradeep Mathur	(Director)	: Member
Mrs. Ajita Bajpayee Pandey		: Member
Mr. Ashok Jaipuria		: Member
Mr. P. V. Deshmukh		: Member
Dr. William Selvamurthy		: Member
Dr. Suman Mukhopadhyay	(Dean, Planning)	: Member
Professor P. N. Puntambekar	(Dean, Faculty Affairs)	: Member
CA. Vasundhara Laad	(Registrar I/c)	: Secretary I/c



Mr. Ashok Thakur and Mr. Som Mittal requested for leave of absence, due to prior commitments. **Mr. Aman Kumar Singh** did not attend the meeting.

At the outset, the Chairman welcomed all the members present.

Chairman thereafter took up for consideration the formal items of the Agenda.

ITEM NO. 10.1

Consider report of Director of the Institute.

10.1.1 Presentation:

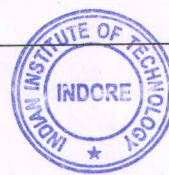
The Director of the Institute gave a presentation highlighting the following:

- I. The three campuses of IIT Indore - IET, PACL and Silver Springs.
- II. 80 faculty members, 480 undergraduates, 54 Masters, 6 Disciplines and 3 Thrust Areas in the institute.
- III. 50 externally funded Research projects are being carried out with total funding of ₹12.50 crores. ₹300 crores of project proposals have been submitted in thrust areas.
- IV. CSIR-UGC NET qualified and institute funded 180 research scholars pursuing PhD in the Institute.
- V. 3 PhD thesis submitted.
- VI. Papers published by the Faculties in 272 journals and 205 conferences attended by them. Impact factor of more than 5 for 30 publications.
- VII. There has been a curriculum overhaul facilitating hands on experience. One semester is for internship. All engineering courses are being conducted in lab. Stress is on innovation, direct involvement of undergraduates in cutting-edge research, and facilitating multidisciplinary research for undergraduates.
- VIII. Placement: 3% Ph.D. at IIT Indore and 97% in corporate jobs. Students have been placed in Qual Comm, Microsoft, DRDO, TCS, Google, CISCO, L&T, IOC, DE Shaw, Honda, etc.
- IX. There is in-house innovation and development in forefront research by students and staff.
- X. We have developed a Sophisticated Instrumentation Centre for support and foster research in inter/national institutes by providing



cutting-edge instrumentation, ancillary equipment, expertise and application.

- XI. Surface Science and Engineering has developed thin film technology, magnetic storage, optical devices, electronic devices, surface physics/chemistry and surface treatment/coating.
- XII. In Bio related research, work is in progress in cancer biology, autoimmune disorders, disease detection through intra-operative imaging, drug delivery mechanisms, bio photonics, computational fluid dynamics for aneurysm, and personalized therapy through molecular immunology. Future vision is to establish a research hospital in the campus.
- XIII. The astrophysics department of the Institute involves undergraduate and PhD students in forefront research with innovation and in-house development. They have developed a 4.5 meter Radio Telescope which is a next generation telescope with sensitive communication system design, ultra sensitive detection chain, and extremely low noise and without the need for computing cluster. As a result of the perseverance of the students, the planned inauguration was moved ahead from the originally planned July, 2014 to September, 2013. On September 6, 2013, Dr. Shashi Tharoor, Minister of State for Human Resource Development, Government of India, inaugurated the radio telescope. Among those present were the Guest of Honour, Prof. Avinash Deshpande, a Bhatnagar awardee in AstroPhysics, Lt. General Rajesh Pant and Brigadier Abhay Bhat from MCTE, Mhow. This radio telescope receives signals in the 10-13 GHz range, first of its kind in India, and is operated entirely by students of IIT Indore.
- XIV. Avana is a social initiative by students, where they are engaged in the following activities:
- a) Voluntary Teaching: Adoption of two schools – teaching twice/week.
 - b) Blood Donation Drives - three times in a year.
 - c) Marathons for social causes.
 - d) Charity Volunteering Events.
- XV. Green initiatives taken by the institute:
- a) Use of roof tops for PV panels.
 - b) 50,000 sqm to be used to generate around 4 MVA.
 - c) Connecting generated power to the main grid and eliminating batteries which require replacement every 3-4 years.
 - d) Bio Mass to energy.



- XVI. Clean energy drive by interconnecting the rain fed lakes for storage, which helps to continue the ecological cycle and runoff.

The members appreciated and complemented the efforts of IIT Indore, a young institution in the field of research and education. It is a trajectory in which the institute will keep on growing. The vision of IIT Indore will be to see more patents, new knowledge and new prototypes.

10.1.2 Convocation 2013:

- The first convocation of IIT Indore was held at its Simrol campus on June 8, 2013.
- Honorable President of India, Mr. Pranab Mukherjee graced the occasion as the Chief Guest.
- Over one thousand guests attended the ceremony which was telecast live by several TV channels and over 50 correspondents from national and local newspapers witnessed and reported on the event.
- Of the 101 graduating students, 97 received their degrees in person.
- Following the formal convocation ceremony, the Chief Guest spent about 30 minutes meeting with selected groups of students and faculty members who presented their research projects.

ITEM NO. 10.2

To consider and confirm the minutes of the ninth BoG meeting held on May 30, 2013.

The Board **RESOLVED** to confirm the minutes of the ninth meeting of the Board of Governors.

ITEM NO. 10.3

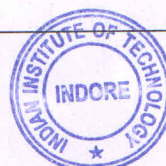
To consider and confirm the minutes of the 14th Building and Works Committee (BWC) meeting held on September 13, 2013.

The Board **RESOLVED** to confirm the minutes of the fourteenth meeting of the BWC, except for the following:

Item No. 14.3: To Consider the status of phase 1A construction:

The members agreed to accord administrative approval for an estimated cost of ₹ 742 crores for phase 1A construction.

The members noted that the original DPR sanctioned by MHRD has approved an amount of ₹ 388 crores only, for campus development. However, preparation of revised DPR is in process by MHRD.



Members suggested that the work order for phase 1A construction should be given only after obtaining clarification from the MHRD on the revised DPR.

Item No.14.5: To consider revision to the delegation of financial powers (works) to functionaries of the Institute:

Since the Finance Committee, suggested to revise the "Delegation of Financial Powers (Works)", BoG **RESOLVED NOT TO APPROVE** the revision in the "Delegation of Financial Powers (Works)".

ITEM NO. 10.4

Consider nomination of a new member to the Building and Works Committee.

10.4.1 The Board NOTED the following:

- The tenure of the members of the BWC is three years.
- In accordance with the resolution of item 7.13 of Seventh Meeting of the Board of Governors held on November 07, 2012, the BWC was re-constituted to include Mr. Umesh Kumar, Indian Defence Engineering Services, Additional Director (Works), Directorate of Civil Works & Estimates, New Delhi, as a member to the BWC.
- Mr. Umesh Kumar has expressed his inability to accept the nomination as member of the BWC of the institute.

10.4.2 In view of above the BoG perused the CV and considered the proposal to nominate Mr. A. K. Singhal, Former Director General (Works), CPWD, Ghaziabad, Uttar Pradesh.

10.4.3 The Board **RESOLVED** to nominate Mr. A.K. Singhal to the Building and Works Committee.

ITEM NO. 10.5

Consider the appointment of Project Management Consultant (PMC) for phase 1A construction.

10.5.1 The Board **NOTED** that the Institute had floated tender for the appointment of PMC for the whole of phase 1A construction work for an estimated cost of ₹ 664 crores and that the duration of services will be for 48 months from the date of award of work which may be extended by another one year.



The evaluation and recommendations of the selection committee were placed before the Building and Works Committee in its meeting held on September 13, 2013. BWC has recommended the award of PMC works to MECON Ltd. Ranchi for an amount of ₹ 18.12 crores.

The Finance Committee considered the recommendations of the BWC in its meeting held on September 27, 2013 and suggested to do a reference check with respect to the quality of services provided by MECON Ltd. to its clients. Members expressed that the amount of ₹ 18.12 crores, which is under 3% of the estimated project cost of ₹ 664 crores, is reasonable.

10.5.2 The Board **RESOLVED** to consider and accord its approval for award of PMC to Mecon Ltd. for an amount of ₹ 18,12,00,000/- after being satisfied with the reference check of Mecon Ltd.

ITEM NO. 10.6

Consider revision to the delegation of financial powers (works).

10.6.1 The BoG **NOTED** that in accordance with the resolution of item no. 6.6 of sixth meeting of the Building and Works Committee held on January 11, 2012, the "Delegation of Financial Powers (Works)" to various Institute functionaries is proposed to be revised, in view of the joining of Chief Engineer.

10.6.2 The proposed revision in the Delegation of Financial Powers (Works) has been recommended by the Building and Works Committee.

10.6.3 The Finance Committee suggested to revise the "Delegation of Financial Powers (Works)", since it lacked some clarity on the administrative approval and the financial approval to the various functionaries of the Institute.

10.6.4 Since the Finance Committee suggested revising the "Delegation of Financial Powers (Works)", BoG **RESOLVED NOT TO APPROVE** the revision in the "Delegation of Financial Powers (Works)".



ITEM NO. 10.7

Consider the revised Plan Budget Allocation for the financial year 2013-14.

10.7.1 The Board **NOTED** the following:

The Finance Committee in its fifth meeting held on March 26, 2013 resolved to approve the plan budget of ₹ 24,769.81 lakhs for the financial year 2013-14.

The approved budget has been revised in view of the actual expenditure incurred and the expenditure likely to be incurred by the financial year end, thus making the budget more realistic.

Revised budget for the Financial Year 2013-14 has been recommended by the Finance Committee in its meeting held on September 27, 2013 as follows:

Sl. No.	Head of Account	Amount (₹ in lakhs)	
		Budget Estimate	Revised Estimate
1	Non-Recurring Expenditure (Head-35)	19,907.39	9,522.09
2	Salaries & Recurring Expenditure (Heads - 36 & 31)	4,862.42	5,050.40
TOTAL		24,769.81	14,572.49

The BoG noted that the reduction in estimates of Non-Recurring expenditure is mainly on account of reduction in campus development expenditure due to delay in Stage - II clearance from Ministry of Environment and Forests.

10.7.2 The Board **RESOLVED** to approve the revised budget for the financial year 2013-14, based on the recommendations of the Finance Committee.

ITEM NO. 10.8

Consider travel by airlines other than Air India in respect of official tours.

10.8.1 The Board **NOTED** that as per notification SR 48-B, GIO (14),

- "In all cases of air travel, both domestic and international, where the Government of India bears the cost of air passage, the officials have to travel only by Air India. If travel stations are not connected by Air India, the officials may travel by Air India to the hub / point closest to their eventual destination beyond which they may utilize the services of another airline which should preferably be an alliance partner of Air India. Any deviation from these orders has to be referred to the Ministry of Civil aviation for relaxation".
- However, it is virtually impossible to adhere to this rule always, as quite often Air India does not operate on desired sectors, and offers very difficult and expensive connection alternatives for routes it does not cover.
- As per practice in other IITs, the Director is the approving authority for requests for travel by carriers other than Air India.

10.8.2 The Board **RESOLVED** to consider and approve that the Director of the institute may be the approving authority for consideration and waiving the requirement to travel only by Air India.

ITEM NO. 10.9

Consider the daily allowance for participation in international conferences/seminars/meetings/other foreign tours.

10.9.1 The Board **NOTED** that the daily allowance to faculty members and staff for their international tours approved vide item number 4.10 in the 4th BoG meeting held on July 8, 2011 is as follows:

Country/Region	Per Diem (USD)	Hotel Charges per day (USD)
Outside India for Conferences/Seminars.	\$ 115	Upto \$ 135; amount payable at actual (with bills/receipts).
Outside India for faculty /staff members sent by the Institute on institute assignments / as a part of delegation on Government work.	\$ 115	Would be reimbursed on actual expenditure incurred (with bills / receipts) with special approval of Director.



- In practice, it is observed that in some major cities such as London, Paris, New York, Boston etc. hotel expenses are considerably higher than the approved rates.
- As per practice in other institutes, the Director of the institute is the approving authority to consider and sanction additional funds for the hotel expenses within a reasonable amount commensurate with the city and general rates for that city at the time of the tour.
- For tours undertaken by the Director, in such instances, the Chairman, BoG may consider approving extra expenditure for the hotel costs for the cities where the hotels are known to be expensive.

10.9.2 The Board **RESOLVED** to consider and approve the proposal of daily allowance for participation in international conferences/ seminars/ meetings/ other foreign tours.

ITEM NO. 10.10

Consider revision in rules for availing medical facility for the employees and students of the Institute.

10.10.1 The Board **NOTED** that medical facility for IIT Indore community is being provided as per the guidelines approved in the BOG meeting held on October 20, 2010.

10.10.2 The Board **RESOLVED** to approve the amendments in the medical facility for the employees and students of the Institute as proposed by the Medical committee of the Institute:

Particulars	Proposed Amendment
1. Empanelment of Bombay Hospital	(a) Bombay Hospital rates for OPD consultancy to be allowed in full as per MoU with Bombay Hospital (rates are subject to revision from time to time).
	(b) Benchmark rates except for above shall be CGHS Jabalpur rates.
2. Disallowed medicines/treatment as per Central Services Medical Attendance Rules (CSMA)	Medicines/Treatment which are not allowed as per CSMA rules shall be disallowed.
3. For Regular Employees including Visiting Faculty on Contract	OPD: (a) Referral not required for Government hospitals and empanelled hospitals except for Bombay Hospital. (b) Treatments done without referral in any hospital/registered medical practioners other than empanelled



	hospitals will be reimbursed as per CGHS Jabalpur rates. \$ IPD: Referral by the Institute Medical Officer is mandatory.
4. Treatment of employees and their dependents without referral, while staying/ travelling outside Indore	(a) Treatment shall be reimbursed as per CGHS Jabalpur rates. (b) Medicines will be reimbursed in full
5. Ayurvedic, Homeopathic and Unani treatment	Treatment shall be reimbursed as per CSMA rules.
6. Medical treatment of students	(a) OPD treatment in empanelled hospitals, against referral, to be paid in full. (b) IPD treatment in empanelled/network hospitals of TPA/insurance company, against referral, will be covered under insurance. Amount disallowed by insurance company on account of service charges, disposable items, pre-disease treatment, treatment for some disease in the first month of insurance, etc. as stated in the policy document, will be borne by the Institute.

- Other matters except for above amendments shall prevail in accordance to the item no. 13(B) of the second meeting of the BOG held on October 20, 2010. Any matter, other than above, related to medical facility shall be governed as per Central Services Medical Attendance Rules (CSMA).
- \$ In case of any misuse due to non-requirement of referral, the medical committee of the Institute may reinforce the requirement of referral.



ITEM NO. 10.11**Consider allocation of institute overhead charges from sponsored projects.**

10.11.1 The Board **NOTED** the following:

- Research projects are sanctioned to the faculty members by funding agencies such as Department of Science & Technology (DST), Council of Scientific & Industrial Research (CSIR), Indian Council of Philosophical Research (ICPR), Indian Council of Social Sciences Research (ICSSR), Department of Bio-Technology (DBT), etc.
- Research project grants sanctioned by the sponsoring agency cater to the expenditure under various heads such as equipment, travel, contingency, manpower, institute overhead charges, etc.
- Some funding agencies allocate different percentages of institute overhead charges whereas some funding agencies do not show overhead allocation.

10.11.2 The Board considered the proposal that, in cases where the funding agency sanctions less than 20% for overhead expenses, the balance deduction may be made from the contingency head of the project, excluding institute overhead charges, restricted to the total amount sanctioned under contingency head. As per DST norms, maximum overhead to be deducted will be Rupees Five Lakhs. This may be spread over the duration of the project, in consultation with the Project In-charge (PI).

10.11.3 The Board **RESOLVED** to consider and approve the allocation of institute overhead charges from sponsored projects as proposed.

ITEM NO. 10.12**Sanction of non-teaching positions.**

10.12.1 The Board **NOTED** that Ministry of Human Resource Development vide letter F. No. 44-5/2008-TS.I dated February 26, 2009 and F. No. 15-25/2010-TS.I dated December 6, 2010 has sanctioned the following posts:

Sl. No.	Post	Pay Band	Grade Pay
1	Security Officer	PB2 (9,300-34,800)	₹4,800/-
2	PS to Director	PB2 (9,300-34,800)	₹4,200/-



- The Board considered the up-gradation of the posts as follows:

Sl. No.	Post	Revised Pay Band	Revised Grade Pay	Reasons for up-gradation
1	Chief Security Officer	PB2 (15,600 - 39,100)	₹5,400/-	<p>i. The Institute being a new IIT is functioning at different locations. The main campus to be constructed is located 20 kms. away from the temporary campus. To monitor security related issues at different places, well experienced and person having rich knowledge relating to security, labour laws and other local issues is required.</p> <p>ii. Miscreants frequently attack IIT Indore security personnel. On one occasion, one of the institute security watchman was attacked by a machete and required hospital treatment. This was reported to Secretary (HE), MHRD, Government of India, vide letter number IITI/DO/41/2013/161 on June 18, 2013. The incident was also reported to the local police station and local administration.</p> <p>iii. Therefore, to liaise effectively with local Law enforcing agencies, it is absolutely essential that a senior ranking officer, i.e., Chief Security Officer represents the Institute.</p>
2	PS to Director	PB2 (9,300-34,800)	₹4,800/-	<p>i. MHRD vide letter dated June 10, 2013 had communicated that "IITs are allowed to design their administrative/ management/ technical staff structure as per requirement after due approval from their BoG keeping in mind sustainability of expenditure on this account".</p> <p>ii. The post of PS to Director is being offered the Grade Pay of ₹ 4,800/- in other IITs like IIT Bhubaneswar and IIT Patna.</p>



10.12.2 The Board **RESOLVED** to consider upgrading the posts of Chief Security Officer and PS to Director as proposed, subject to approval from the MHRD.

ITEM NO. 10.13

Consider implementation of reservation policy for employment and admission.

10.13.1 The Board **NOTED** that as per notification SR 48-B, GIO (14),

- Mr. Ashok Thakur, Secretary MHRD vide D.O. No. 21-64/2012-TS.II dated February 4, 2013 has informed that the BoG may review the reservation policy presently being followed by the Institute and to firm up the necessary steps for implementing the reservation policy in letter and spirit for employment and admissions in terms of the executive instructions issued from time-to-time by the Department of Personal and Training (DoPT) and MHRD.
- In view of the above, with regard to the teaching positions, following are the details of sanctioned and present strength of posts to be filled category wise:-

Sl. No.	Post	Sanctioned strength	Category wise positions to be filled as per reservation policy				Present Strength				Remarks
			G-en.	S T	S C	O B C	Ge-n.	S T	S C	O B C	
1	Faculty	90	46	6	14	24	70	0	1	6	Including two visiting Professors and two visiting Associate Professors

- Rolling advertisement to fill the faculty member vacancy position is kept open and approximately twice a year selection committee, meets for each subject / discipline in an attempt to attract suitable candidates for filling the vacant positions.
- In respect of Non-teaching positions, the Institute is following the below mentioned policy in recruitment of Non-Teaching staff:-
As per the State Government reservation policy based on population, caste wise reservation in respect of group 'C' employees is as follows:



Scheduled Tribe (ST) 20%
 Scheduled Caste (SC) 15%
 Other Backward Caste (OBC) 15%

In respect of group 'B' and 'A' reservation is as follows:
 Scheduled Tribe (ST) 7.5%
 Scheduled Caste (SC) 15%
 Other Backward Caste (OBC) 27%

- While filling the non teaching positions, the Institute is taking care of above reservation policy by maintaining roster for each category of posts.
- The details with regard to admission of students in the Institute are summarized as under:

Sr. No.	Admissions for B.Tech. courses	Sanctioned strength	Category wise positions to be filled as per reservation policy				Admitted Strength				Total Admitted Strength
			G-en.	ST	SC	O B C	G-en.	ST	SC	O B C	
1.	2009-10	120	60	09	18	33	57	01	17	32	107
2.	2010-11	120	60	09	18	33	58	14	18	32	122
3.	2011-12	120	60	09	18	33	59	08	18	32	117
4.	2012-13	120	60	09	18	33	57	09	18	32	116
5.	2013-14	120	60	09	18	33	59	09	18	33	119

- The Ministry has fixed quota for reservation, to seek admission in IITs through JEE.

10.13.2 The Board **NOTED** that the Institute is pursuing special drives for filling up backlog vacancies launched at the behest of DoPT with regard to the reservation policy both in employment and admission.



ITEM NO. 10.14

Consider to ratify amendments to offer financial support to students for attending and presenting research papers in national/international conferences/workshops.

10.14.1 The Board **NOTED** that the BoG in its meeting dated May 30, 2012 resolved to approve the guidelines for travel funding of students to present research papers in conferences/workshops.

10.14.2 The Board **RATIFIED** the proposed amendments by the Administrative Reforms Committee (ARC) of the institute, to offer financial support to students for attending and presenting research papers in national/international conferences/workshops, w.e.f. 22.08.2013 as detailed below:

Sl. No.	Particulars	Amendment
1	Process of application	<u>National:</u> Application to be recommended by their supervisor and approved by the Head of Department. <u>International:</u> Application, carrying justification by their supervisor, to be scrutinized by Head of Department and appropriate recommendation to be sent for Director's approval.
2	Advance payment	To the thesis supervisor.

- Other matters except for the above amendments shall prevail as per approval in the BOG meeting held on October 20, 2010.

ITEM NO. 10.15

Consider the report on UG, PG and PhD admissions.

The Board **NOTED** the summary report on UG, PG and PhD admissions, as under:

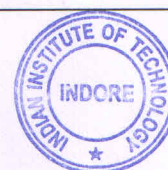
UG: B. Tech.		2009-10	2010-11	2011-12	2012-13	2013-14
CSE	Male	32	38	31	27	34
	Female	3	5	7	11	6
EE	Male	31	37	32	32	34
	Female	5	5	7	7	6
ME	Male	32	37	38	35	37
	Female	4	0	2	4	2
Total Seats Filled	Male	95	112	101	94	105
	Female	12	10	16	22	14
Total Seats		120	120	120	120	120
Total Vacant Seats		13	0	3	4	1



PG: M. Tech.		2009-10	2010-11	2011-12	2012-13	2013-14
	Male	-	-	-	-	-
Female	-	-	-	-	-	-
Total Seats Filled	Male	-	-	-	-	5
	Female	-	-	-	-	-
Total Seats		-	-	-	-	24
Total Vacant Seats		-	-	-	-	19

PG: M.Sc.		2009-10	2010-11	2011-12	2012-13	2013-14
	Male	-	-	-	-	-
Female	-	-	-	-	-	5
Total Seats filled	Male	-	-	-	-	10
	Female	-	-	-	-	5
Total Seats		-	-	-	-	24
Total Vacant Seats		-	-	-	-	9

PhD		2009-10	2010-11	2011-12	2012-13	2013-14
Chemistry	Male	-	6	5	14	4
	Female	-	2	4	3	4
Physics	Male	-	2	6	7	1
	Female	-	2	0	3	1
Mathematics	Male	-	3	2	0	2
	Female	-	0	1	2	1
CSE	Male	-	2	6	5	5
	Female	-	1	0	2	1
ME	Male	-	6	5	11	9
	Female	-	0	0	0	0
EE	Male	-	5	7	13	7
	Female	-	1	4	2	0
English	Male	-	0	0	1	0
	Female	-	0	2	0	3
Philosophy	Male	-	0	0	0	1
	Female	-	1	0	2	0
Economics	Male	-	2	1	2	0
	Female	-	0	1	0	0
Psychology	Male	-	0	0	0	1
	Female	-	0	0	1	0
Sociology	Male	-	0	0	0	0
	Female	-	0	0	0	1



Ph.D.		2009-10	2010-11	2011-12	2012-13	2013-14
BSBE	Male	-	0	0	0	2
	Female	-	0	0	2	4
Total			33	44	70	47

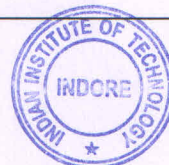
ITEM NO. 10.16

Consider report on purchases made from time to time

10.16.1 The Board **NOTED** that in accordance with the resolution, vide item no. 16.4 of the first BoG meeting, purchases exceeding ₹ 1.00 crore are being reported to the Board.

10.16.2 Following purchases have been made exceeding ₹ 1.00 crore:

Sr. No.	Equipments	Amount (₹ in crores)	Remarks
1.	<p><u>Components for construction and installation of Radio Telescope System</u> The combination of this system and the FPGA system will enable the construction of a novel single-dish 4.5 meter telescope with 2 GHz bandwidth within the next year. This would be one of the foremost single-dish telescopes in the world, when constructed.</p> <p>Constructing such a wideband telescope within a year of materials arriving would be an achievement in itself - these systems usually require assembly and testing over 2-3 years by teams of 12-20 people.</p>	1.54	Installed
2.	<p><u>Active Quasi-Optical Correlator</u> This is an entirely innovative instrument. It is meant to change the way big telescopes are conceptualized and made. With the construction of the first prototype, we will be able to challenge the biggest telescopes in the world in the next 3-4 years. Again, usual time for developing such systems are over 6-7 years; meticulous planning on our part as well as a huge amount of help from UW-Madison (with whom we now have a MOU) and leading experts from NASA, we have made it possible to construct this system in a period of 12 months starting with the delivery of the AQC in August 2013.</p>	1.13	<p>Purchase Order Placed</p> <p>P.O.No. IITI(MM)/PH(RT AC)/1/626/SSM/12-13/481</p> <p>dated 22.02.2013</p>



ITEM NO. 10.17**Appointment of faculty members**

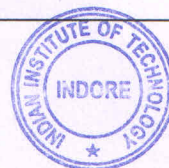
10.17.1 The Board **RATIFIED** the appointment of the following faculty members:

1. Dr. Mohammad Aquil Khan, Assistant Professor, Discipline of Mathematics
2. Dr. Sujata Kar Mishra, Assistant Professor (Contractual), Discipline of Humanities and Social Sciences
3. Dr. Sharad Gupta, Assistant Professor, Discipline of Bio Sciences and Bio Engineering
4. Dr. Surya Prakash, Assistant Professor (Contractual), Discipline of Computer Science and Engineering
5. Dr. Gauri Nath Banda, Assistant Professor (Contractual), Discipline of Computer Science and Engineering
6. Dr. Vimal Bhatia, Associate Professor (Visiting), Discipline of Electrical Engineering
7. Dr. Somaditya Sen, Associate Professor (Visiting), Discipline of Surface Engineering

ITEM NO. 10.18**Appointment of non-teaching positions**

The Board **RATIFIED** the appointments of the following non-teaching positions in the Institute:

Post	Name of Staff member	Nature of Post
Assistant Registrar	Mr. Neeraj Kumar	Regular
Medical Officer (Female)	Dr. Shilpa Raut	Regular
Superintendent Engineer	Mr. Narsingh Varma	Regular
Chief Engineer (Project)	Dr. S. P. Raghunath	Contractual



ITEM NO. 10.19**Items approved by the Chairman**

The Board **NOTED** that the following items were approved by the Chairman:

- A. Invitation to Mr. I. P. Vora to attend the 10th meeting of Board of Governors as Special Invitee.
- B. Proposal to invite expert members for the selection committee meeting of Superintending Engineer, Chief Engineer (Contractual), and Registrar.
- C. Proposal to offer presumptive pay of ₹ 5,300/- to Mrs. Vasundhara Laad till such time that she holds the additional charge or for three months from the date of assumption of additional charge as Registrar In Charge, whichever is earlier.
- D. Selection Committee Report for appointment of faculty positions.
- E. Selection of faculty members appointed as Assistant Professors (Contractual) in the Discipline of Computer Science and Engineering.
- F. Selection Committee Report for appointment of non-teaching staff members.
 - Selection of Medical Officer (Regular).
 - Selection of Medical Officer (Contractual).
 - Selection of Superintending Engineer (Regular).
 - Selection of Chief Engineer (Contractual).
 - Selection of Registrar
- G. Visit of Professor Pradeep Mathur to France during the period July 1–21, 2013.

ITEM NO. 10.20**Evaluation Report for the Pre-qualification (PQ) of contractors for phase 1A project of IIT Indore, Simrol Campus**

10.20.1 The Board **NOTED** that, Phase 1A project of IIT Indore includes Designing and building of the following :

- i) Academic buildings
- ii) Hostel buildings
- iii) Faculty and Staff housing
- iv) Indoor Sports Center
- v) Ancillary buildings with external development and all engineering services.



Bids were invited for the pre-qualification of contractors for phase 1A project of IIT Indore. The estimated cost of phase 1A is ₹ 608.40 crores.

Four bids were received. The PQ evaluating committee shortlisted the following contractors based on their scores:

- i) Larsen and Tubro Ltd.
- ii) Shapoorji Paloonji & Company Ltd.

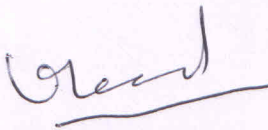
The qualified bidders were invited for presentation. During the presentation, bidders were judged based on the following parameters.

- a) Understanding the scope of the work.
- b) Proposed Methodology.
- c) Explanation of the Methodology.

The Committee recommended the above two bidders to be qualified based on their presentation.

10.20.2 Based on recommendations of the committee, the Board **RESOLVED** to approve Larsen and Toubro Ltd. and Shapoorji Paloonji & Company Ltd. as qualified bidders for the PQ of phase 1A project, subject to clarification from MHRD on the revised DPR.

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



Mrs. Vasundhara Laad
Registrar I/c (Secretary I/c BoG), IIT Indore



Acting Director, IIT Indore

Approved



Shri Ajay Piramal
Chairman, Board of Governors
IIT Indore

