


Minutes of 71st Meeting of the Board of Governors held on 15.06.2019 at 2:00 PM at IKGPTU Mohali Campus-I, C-102/B, Industrial Area, Phase-7, Mohali.

The following attended the meeting:

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| 1. Dr. S.K. Salwan
Emeritus Scientist & Chairman
Armaments Research Board, New Delhi | Chairman |
| 2. Sh. Dharendra Kumar Tiwari, IAS
Principal Secretary to Govt. of Punjab, DTE & IT | Vice-Chairman |
| 3. Prof. (Dr.) Ajay Kumar Sharma
Vice Chancellor, IKGPTU Jalandhar | Member |
| 4. Dr. Mohan Paul Singh Ishar
Vice Chancellor, MRSPTU, Bathinda | Member |
| 5. Sh. Prem Sharma, Dy. Director
Nominee of Secretary to Govt. of Punjab, Deptt. of Finance | Member |
| 6. Sh. Parveen Thind, IAS
Director, Technical Education & Industrial Training Punjab | Member |
| 7. Shri R.K. Soni
Nominee, Chairman AICTE: NWRO, Chandigarh | Member |
| 8. Sh. Raman Kumar Sharma,
Sr. VP & Director, Honda Cars Ltd., Noida | Member |
| 9. Dr. Vijay Kumar Banga
Principal, ACET, Amritsar | Member |
| 10. Dr. Yadwinder Singh Brar
HOD, Electrical, IKGPTU Jalandhar | Member |
| 11. Dr. Sukhbir Singh Walia
Registrar, IKGPTU | Secretary |

The following could not attend the meeting and were granted leave of absence:

1. President, CII, Northern Region, Chandigarh
2. Director, IIT, Ropar
3. Sh. Deepak Mittal, MD, Sonalika Group
4. Sh. I.S. Paul, Drish Shoes Ltd., Panchkula, Haryana


4/7



The Chairman Board of Governors welcomed all the members. Thereafter the regular agenda was taken up.

Item No.71.1 To confirm the Proceedings of 70th meeting of Board of Governors held on 22.02.2019.

Board confirmed the minutes of 70th meeting of Board of Governors held on 22.02.2019.

Item No. 71.2 Action taken report on the proceedings of the 69th Special Meeting & 70th Special meeting of Board of Governors, I.K. Gujral Punjab Technical University held on 09.01.2019 & 22.02.2019 respectively:

Board Decision: Noted

Item No. 71.3 To approve the minutes of 32nd & 33rd meeting of Finance Committee, IKGPTU held on 28.03.2019 & 26.04.2019 respectively.

Board Decision: The Board deferred the matter, to be placed in the next Board meeting.

Item No. 71.4 To consider regarding payment for establishment of Centre for Invention, Innovation, Incubation and Training (CIIIT) by Tata Technologies Limited at IKGPTU Main Campus, Kapurthala and IKGPTU Sultanpur Lodhi Campus

Back Ground:

The matter was placed before the Board of Governors as an Agenda Item No. 68.6 in 68th meeting held on 18.10.2018. TTL approached the Govt. of Punjab with a proposal for the establishment of "Centre for Invention, Innovation, Incubation and Training (CIIIT)" in education Institutions at various locations of the State.

The project was proposed to be executed in phase wise manner with "Hub and Spoke" Model as mentioned in below table:



Phase	Name of the Project	Hub Location*	Spoke Location*
1	"Guru Nanak Dev ji CIIT"	IK. Gujral Punjab Technical University Kapurthala	Sultanpur Lodhi
2	"Guru Gobind Singh ji CIIT"	Chamkaur Sahib	1.Chamkaur Sahib** 2.IKG PTU Campus-Ladowali Road, Jalandhar**

*The Suitable Building with ready to use infrastructure will be allocated by I. K. Gujral Punjab Technical University for the projects. (** means – To be decided). The above-mentioned locations are assigned as per preliminary discussion, the locations based on the best available ready to use infrastructure, will be suggested by IKGPTU team and both parties agree to change it suitably.

The investment of IKGPTU and by the TTL for each Hub and spoke is as under:

Investment	IKG PTU Contribution	TTL Contribution
100%	12%	88%
215 (INR Cr) for each Hub Approx*	26 (INR Cr) Approx*	189 (INR Cr) Approx*
103 (INR Cr) for each Spoke Approx*	12 (INR Cr) Approx*	91 (INR Cr) Approx*

* Exclusive of Taxes

I. K. Gujral Punjab Technical University shall spend 12% of the total setup cost of proposed CIITs plus taxes as applicable for the purchase of proprietary technology tools, hardware, machinery, equipment as per the proposal and Tata Technologies along with the partner companies shall bear the entire remaining cost. TTL to provide OEM proprietary letters as per specimen provided by IKGPTU and IKGPTU to release this amount to TATA Technologies as per clause 6(d) of the MoU dated 18.9.2018.

4/17

I.K. Gujral Punjab Technical University will pay 80% of its 12% contribution plus taxes as applicable in the setup against delivery within 10 working days and remaining 20% within 10 days after successful setup completion and third party audit.

A third-party audit including evaluation and validation of equipments shall be initiated by IKGPTU within 15 days of the setup completed and the audit should be completed within next 45 days.

AMC for Software Technology Tools, Equipment, Industrial Hardware and Machinery will be for 5 Years from the date of installation, whereas both Parties agree to make the project long term success.

MOU dated 18.09.2018 was placed before the Board for ex-post facto approval.

Keeping in view the above decision of the Government of Punjab the Board approved and ratified the MOU in its present shape, signed with the Tata Technologies Ltd. by the University.

Board approved the project and sanctioned the amount of contribution of IKGPTU 12% for Phase-I and II on the purchase of equipment.

Only from the invoices, it became clear that rates were being charged for commercial version of software. Therefore, the matter regarding payment to TTL for CIIT project was placed before BOG in its 70th meeting held on 22.2.2019. As a consequence, BOG constituted a committee to examine the technical and financial aspects of the execution of contract by TTL in accordance with the terms and conditions of MOU/ agreement. The meetings of the committee were held on 03-03-2019 and 04-05-2019. However, the Committee, in addition to clarifying some ambiguous/unclear aspects of the MoU with mutual understanding of IKGPTU and TTL also concluded that the contract was being executed as per the MoU signed by IKGPTU and TTL, and as it did not include any reference to the type of software. i.e. whether educational or commercial and the Committee's scope being limited only to the MoU, the Committee limited itself to only

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4/7

the MoU contents. Therefore, the Committee could not take cognizance of types of invoices of software.

IKGPTU signed the MoU with understanding that TTL will supply educational version of the software/instrument etc. Whereas, TTL has supplied commercial version of Software. Type of Software is not mentioned in the MoU. There is huge difference between the cost of Education and Commercial versions of Software. It is clear that if University buys commercial licenses from TTL, University has to pay Rs 35.9 Crores towards cost of software. On the other hand, if TTL supplies research/educational licenses then the University is expected to pay approximately Rs 57.27 Lakhs only. Thus there is huge loss amounting to Rs 35.31 Crores approximately to University, if payment is made for commercial licenses. Therefore, IKGPTU has not paid any amount till date to TTL due to above said discrepancy in the invoices. Vice Chancellor has apprised Chairman BOG regarding the matter vide letter no. IKGPTU/VC/1642 Date 27/05/2019.

Subsequently, a list of ambiguities of MoU was submitted to TTL for clarifications.

University raised issue of invoices of software at commercial rates with TTL and requested them to raise invoices of educational version of the software. But till date TTL has not agreed to the same.

Board Decision:

Chairman Board of Governors briefed the Board members about the concept of the project. Further, it was apprised to the Board that TTL has raised the invoices for software on commercial rates, whereas, the same was not mentioned in the MoU/Agreement. As IKGPTU is established by Govt of Punjab, IKGPTU is also governed by UGC and its regulations also state that the University is not authorized to carry out the commercial activity until a separate identity is constituted to carry forward the production and commercial activity.

21/4/19

The Chairman BOG also briefed that since MoU has been done and ratified in its 68th meeting held on 18.10.2018. Thereafter the Chairman BOG opened the floor for discussion among board members to take final decision in the interest of University and students.

After discussion at length in the Board meeting the following points were emerged and in the light of these points final decision was taken:

1. It was apprised that the world of Technology and Engineering Innovations is growing at an unprecedented rate. We are in the midst of industry 4.0, 5.0 etc. and many other wide spread changes and disruptions. The dimensions of speed and interconnectivity of these changes has added further complexities and new challenges.

This has resulted in acute problem of skill shortage. In a survey jointly carried out by the World Bank and Federation of Indian Chambers of Commerce and Industry (FICCI), 64% of surveyed employers are "somewhat", "not very", or "not at all" satisfied with the quality of graduates and their Job skills and only 36% are satisfied with the employability of the graduates.

Gap between Industry Needs and Academia is widening on account of inadequate Industry-Academia interaction and connectand consequently Academia has not been able to keep pace to update their Learning Contents, Pedagogy and Exposure to practical Knowledge and Real World experience for their students.

This is a National issue and priority, and as per the needs, Skill Development Road Maps have been created at National and State level.

2. Accordingly, to address the above issue and challenges, and to meet the learning objectives of IKGPTU, so as to cater to the changing and increasing Technological needs of the country, to meet the Human Resources requirements of the manufacturing sector, to increase the employability of the students / youth of Punjab, help innovators to develop new products, promote technology startups, Tata Technologies



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4/7

Ltd. have offered to set up a Centre for Intervention, Innovation, Incubation and Training (CIIT).

3. The establishment of this Project would be in the interest of the students and Society and it is also the priority of Govt. of Punjab to establish Centre of Invention, Innovation, Incubation and Training (CIIT) by TATA Technologies Limited at IKGPTU Main Campus, Kapurthala, IKGPTU Sultanpur Campus and Chamkour sahib in phase-II. This would serve the following purposes:
 - a) Improved Skills of students, leading to employment and entrepreneurship.
 - b) Technical curriculum more updated and aligned to current and near Future industry requirements.
 - c) Workshop for all nearby colleges / students.
 - d) Focus on training students in line with latest industry needs and make them employable.
4. Vice-Chancellor, IKGPTU informed the Board that MoU/Agreement was signed with an understanding that TTL would supply the academic version software. It was also appraised that there is no specific mention in MoU regarding commercial versus educational version software.

However, decision may be taken by the Board in the interest of the University and students as per recommendations of the committee constituted by the Board in 70th BOG meeting.
5. The Board members unanimously were of the opinion that as it is a good Project and it is different kind of initiative taken jointly by the University and TTL, if established it would bridge the gap between the Industry and the pass-out students. Further it will be useful to the existing students for their Industrial training and to have hands on experience on industrial robots, 3-D printers and technology tools.

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4/7

6. After due deliberations among Board members it was decided that TTL authorities may be called for discussion and negotiation if so required and necessary.
7. Mr. Sushil Kumar, Director (TTL) and Mr. P.V. Kaulgud, Global COE Director (TTL) were called in the meeting room for discussion. They informed that software(s) have already been procured and supplied so at this stage, it is not possible to return these software(s). He also clarified about the ambiguity of commercial versus educational version licenses that list of Technology Tools/Software is already mentioned in DPR. They also explained that CIIT to be established in IKGPTU Campus. TTL can neither procure nor supply the educational version of software(s). They also explained that number of License procured for each hub and spoke is 100 and 50 respectively and depending on number of students, these licenses can be used at other locations by IKGPTU as per its requirement.

It was also informed that TTL being an industrial organization does not use academic licenses, therefore will not be able to supply the academic license to University. However, the commercial version of license will enable the University to undertake the commercial activity including industrial projects and consultancy. This will enable the University to generate the revenue leading to self-sustenance.

As per NASSCOM survey also the employability ratio of the Engineers is very poor, it is only 25% of the pass outs and therefore, there is dire necessity and pressing demand for producing quality Engineers having exposure on commercial technology tools and hardware etc.

After hearing the representatives of TTL, the Board further decided the following:

- (a) As this Project is being established by TTL as CIIT, the following activities can be undertaken:
 - (i) Sustainability through consultancy and training promoting innovations and incubation for organization.



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4/7

- (ii) The skill Centre can also be utilized by MSME after training hours for speeding up their manufacturing process.
- (iii) In nurturing new and small businesses helping them by extending the facility to work on their innovative
- (iv) ideas/proof of concepts and to survive and grow through the difficult and vulnerable early stages of development
- (v) Help MSME to grow their business, facilitate knowledge creation and innovation.
- (vi) Support untapped creativity of individual innovators and also to assist individual innovators to become technology based entrepreneurs.
- (vii) Any other activity as per MoU/agreement and DPR

This Centre will provide training to the students at par with the Industry and will be much more useful and enhance the employability of the University students. The Board decided that University shall buy/procure the commercial version of software as per MOU.

- (b) Further it was decided that the University may undertake commercial activities in the Institution as suggested by TTL or as per the requirement of the Industry and students from time to time. For this purpose, the Board authorized the Vice-Chancellor, IKGPTU to form a society to carry forward the commercial activities, as and when required.
- (c) IKGPTU and TTL will sign a supplementary MoU incorporating the relevant decisions of the Board and may add points as per mutual discussion of IKGPTU and TTL. Board authorized the Vice-Chancellor, IKGPTU to sign the MoU as per mutual discussions with TTL.

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4/7

The following was also decided after discussion with TTL for the proper execution of the Project:

- Only 50% of the software will be used by IKGPTU to start with (50 licenses of the 100 installed base at Kapurthala and 25 of 50 installed base at SultanpurLodhi). The maximum capacity of the student trained would now be 2500 and 1100 for hub and spoke respectively.
- IKGPTU will pay 50% of the total Software cost of their share (as per MoU/Agreement) upto 31st July 2019 and the part of the remaining 50% upto 31st March, 2022.
- In case the usage is more than 50%, then IKGPTU will pay proportionately for the same, if these licenses are not fully utilised, then this will be used at the other Centre (s) to be opened in phase II at Sri Chamkaur Sahib or any other place decided by IKGPTU.
- For Hardware supplied till date and invoiced by TTL, 80% of the invoiced value (as per MoU/Agreement) will be paid by IKGPTU upto 31st July 2019 and the rest 20% after installation is complete and 3rd party audit report as per MoU/Agreement.
- Remaining hardware which will be delivered, 80% amount (as per MoU/Agreement) will be paid within 7 working days and remaining 20% after installation and 3rd party audit report as per MoU/Agreement.
- TTL and IKGPTU team to jointly inspect the premises and fix the timeline for completion of the CIIT Centres at SultanpurLodhi and Kapurthala and then a date will be decided for the inauguration.
- The summarized payment details from IKGPTU will be as follows:


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4/7

IKGPTU Main Campus Kapurthala				
Hardware & Installation (Rs.)+GST as applicable	Software (Rs.)+GST as applicable For 100 No. Licenses	Software (Rs.)+GST as applicable For 50 No. Licenses	Total Amount (Rs.)+GST as applicable For 50 No. Licenses (Col.1+Col.3)	Amount (in crores)+ GST as applicable
13,83,14,695	2,01,41,00,000	1,00,70,50000	1,14,53,64,695	114.53 (approx.)
Contribution of IKGPTU@12%	Contribution of IKGPTU@12%	Contribution of IKGPTU@12% in first phase upto 31-07-2019	Total	
(A)		(B)	(A+B=C)	
1,65,97,763.4	24,16,92,000	12,08,46,000	13,74,43,763.4	13.74 (approx.)
			80% of the Total Payment (i.e. 'C') to be released upto 31-07-2019* (as per MOU)	
			10,99,55,010.72	11.00 (approx.)
IKGPTU SultanpurLodhi Campus				
Hardware & Installation (Rs.)+GST as applicable	Software (Rs.)+GST as applicable For 50 No. Licenses	Software (Rs.)+GST as applicable For 25 No. Licenses	Total Amount (Rs.) +GST as applicable For 25 No. Licenses (Col.1+Col.3)	Amount (in crores)
5,54,20,746	97,83,22,400	48,91,61,200	54,45,81,946	54.45(approx.)
Contribution of IKGPTU@12%	Contribution of IKGPTU@12%	Contribution of IKGPTU@12% in first phase upto 31-07-2019	Total	
(A1)		(B1)	(A1+B1=C1)	
66,50,489.52	11,73,98,688	5,86,99,344	6,53,49,833.52	6.53 (approx.)


	80% of the Total Payment (i.e. 'C1') to be released upto 31-07-2019* (as per MOU)	
	5,22,79,866.8	5.23 (approx.)

* Subject to complete delivery of Software and Hardware

The meeting ended with votes of thanks to the Chair.


(Dr. Sukhbir Singh Walia)
Registrar-cum-Member Secretary
BOG, IKGPTU

✓ (Dr. S.K. Salwan)
Chairman Board of Governors, IKGPTU


4/7/2019