MINUTES OF THE 37th MEETING OF THE BOARD OF GOVERNORS

HELD ON

Saturday, 17 June 2017

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, KANCHEEPURAM



भारतीय सूचना प्रौद्योगिकी,अभिकल्पना एवं विनिर्माण संस्थान,कांचीपुरम

Indian Institute of Information Technology Design and Manufacturing, Kancheepuram

Minutes of the 37th Meeting of the Board of Governors held at 11.30 A.M on Saturday, 17 June 2017, at BEGH, IIT Madras, Chennai – 600 036.

Members Present

Prof M S Ananth --- Chairman

Shri B S Raghavan — Member

Shri B Santhanam --- Member

Shri Krishna G V Giri --- Member

Prof David Koilpillai --- Member

Prof S Narayanan --- Member

Prof R Gnanamoorthy --- Member & Secretary i/c

Prof Bhaskar Ramamurthi, Shri T K Ramachandran, Shri Sanjiv Mittal and Smt Rina Sonowal Kouli have expressed their inability to attend the meeting and accordingly, leave of absence was granted. Shri A Manickavasagam, Secretary, Building and Works Committee and Dr Sudhir V, Dean (Design, Innovation and Incubation) attended the meeting as Invitees.

General Discussion

The Chairman welcomed the members to the Meeting. Prof R Gnanamoorthy, Director, briefed about the functioning of the Institute. Board members suggested to have more interactive website so that different needs of accessing individuals are easily obtained. Board also advised the Institute to reach out to the companies that appear to be

embracing design thinking in a big way. Board suggested that the teaching learning centre must use AR/VR technology in preparing on-line courses.

Members also asked the Institute to organize lectures / sections on promoting commercialization of products developed. And also, setting up of IPR cell in the Institute and train faculty members to pursue patent creation.

Board advised to organize open hour sessions to showcase capabilities of the Institute to BoG members and also public. Members of the BoG also extended their full support in improving the activities of VIDHAI team and bringing visibility through media.

Members also directed to regroup the expenditures such that the administrative, and maintenance expenditures can be easily monitored.

1.1	Confirmation of the Minutes of the 36 th Meeting of the Board of Governon held on 04 February 2017
A	The Minutes of the 36 th Meeting of the Board of Governors held on C February 2017 were circulated to all members of the Board. No commen
Res. No.	were received.
07 /2017	The Board RESOLVED to confirm the Minutes of the 36 th Meeting.
1.2	Action Taken Report on the Minutes of the 36 th Meeting of the Board Governors
	The action taken report on the Proceedings of the last (36 th) meeting of the Board of Governors held on 04 February 2017 was placed for consideration
	the Board.
	The Board noted the action taken by the Institute.
Items for	Approval
Item No. 02	Consideration and Approval of the Minutes of the 34 th Meeting of t Senate held on 17 April 2017

	The Minutes of the 34 th Meeting of the Senate held on 17 April 2017 was
	submitted to the Board (Annexure 'A'). The Board took note of the following
	recommendations of the 34 th meeting of the Senate:
	 Syllabi of courses in the new curricula of various PG programs.
	 Mentioning the 'Design and Manufacturing' as specialization in the
A.S. TOTAL	major engineering programs instead of Degree name itself.
	Proposed elective courses
Res. No. 08 /2017	Creation of 'Engineering Schools' in the Institute
	 Revision of the Academic calendar anticipating a severe water crisis in
	Chennai during summer, 2017.
	 Decision of Disciplinary Committee on act of indiscipline and
	misconduct by students in the Institute
March	The Board after due deliberation, RESOLVED to approve the Minutes of the
	34 th Meeting of the Senate.
	Consideration and Approval of the Minutes of the 24 th Meeting of the
Item	Finance Committee held on 17 June 2017 and Annual Accounts for the year
No.03	and internal advertises and the stable and Vierta Correct Units and
	2016-17 of IIITDM Kancheepuram and IIITDM Kurnool
	The Minutes of the 24 th Meeting of the Finance Committee held on 17 June
er indrees	2017 was submitted to the Board (Annexure 'B'). Although the Annua
	accounts of the Institute were presented in the format give by Ministry, the
	Board advised to regroup the expenditures so that administrative and
	maintenance expenditures can be easily monitored for internal purpose
D M-	The Board approved the recommendation of the Finance Committee, inte
Res. No.	alia, include the following:
09 /2017	
	Annual Accounts for the year 2016-17 of IIITDM Kancheepuram
	Annual Accounts for the year 2016-17 of IIITDM Kurnool
	The Board after due deliberation RESOLVED to approve the Minutes of th
	24 th Meeting of the Finance Committee.

ltem	Consideration and Approval of the Minutes of the 20 th Meeting of the		
No.04	Building and Works Committee held on 15 June 2017		
	The Minutes of the 20 th Meeting of the Building and Works Committee held		
	on 15 June 2017 was submitted as Annexure 'C'. The approvals of the BWC,		
	inter alia, include the following:		
	Report on the status of the permanent campus construction of IIITDM		
	Kancheepuram		
	Foreclosure of agreement of consultancy for Master Plan and detailed		
	Architecture & Structural Design of IIITDM Kancheepuram Campus.		
Res. No.	AA & ES issued by the Director to CPWD in his power.		
	Taking over of maintenance works from CPWD.		
	Taking over custody of foreclosed ongoing works from CPWD.		
	Development of Infrastructure for 2017 intake of IIITDM Kurnool.		
	Construction of compound wall at IIITDM Kurnool.		
Item	20 th Meeting of the Building and Works Committee. Consideration and Approval of Annual Report of the Institute for the year		
No. 05	2016-17		
Res. No. 11 /2017	The Annual Report of the Institute for the year 2016-17 was presented by Director before the Board (Annexure 'D').		
	The Board noted the performance of the Institute during the year 2016-17 and appreciated the efforts put in by the Director and his team.		
	The Board after due deliberation RESOLVED to approve the Annual Report of the Institute for the year 2016-17.		
П	Consideration of proposal of admissions under DASA category for B. Tech		
No. 06	and M. Tech (Smart Manufacturing) and increasing the seats for B. Tech other steams		
	The admission of Foreign Nationals/ Persons of Indian Origin/ Non-Resident		

being offered under DASA (Direct Admission of Students Abroad) scheme of Res. No. MHRD. 12 /2017 In order to encourage internationalization of the Institute, it is proposed to admit meritorious students in Undergraduate and Postgraduate programme -Smart Manufacturing under DASA scheme from 2018-19 academic year onwards. Existing **Proposed** SI. No Programme B Tech Computer Engineering 1 4 1. 4 2. B Tech Electronics and Communication 1 specialization Engineering with Design and Manufacturing B Tech Mechanical Engineering with 4 3. 1 specialization Design and Manufacturing 4 B. Tech - Smart Manufacturing 0 4. M. Tech - Smart Manufacturing 2 5. Board advised the Institute to monitor academic performance of the admitted students and modify the sanction strength after few years, if needed. The Board after due deliberation RESOLVED to approve the proposal of admissions under DASA category for admission from academic year 2018-19 onwards. ltem Signing of MoU between IIITDM Kancheepuram and MHRD No.07 In order to assess the performance on yearly basis, the MHRD vide its email dated 16.05.2017 advised all IIITs including IIITDM Kancheepuram to sign a Res. No. Performance MoU by fixing target under various parameters for achievement

during the year. As per guidelines of MHRD, the targets are to be fixed taking

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into account average performance in the last 3 years.

In line with direction of MHRD, the Institute has prepared a draft MoU structured into five parts:

- Part I: Mission, Vision and Objectives
- Part II: Exercise of Enhanced Autonomy and Delegation of Financial
 Powers
- Part III: Performance Evaluation Parameters and Targets
- Part IV:Facilitation/Assistance from MHRD
- Part V: Action Plan for Implementation and Monitoring of the MOU.

The Board was informed about the receipt of the draft MoU of IIITDM Jabalpur which has been approved and forwarded by MHRD. The Board was further informed about the amendments carried out by the IIITDM Jabalpur in Part II, III and IV of MoU and interpretation made in Annexure I (Performance Evaluation Parameters and Targets) of the MoU.

The Board after due deliberation RESOLVED to approve the Draft MoU (Annexure 'E') with certain amendments in Part II, III and IV as carried out in the draft MoU given by MHRD.

Item No.08

To consider and approve the MoU between Nagaoka University of Technology, Japan and IIITDM Kancheepuram towards setting up of GIGAKU Techno Park Office at IIITDM Kancheepuram campus

IIITDM Kancheepuram has signed MoU with Nagaoka University of

Technology, Japan for student exchange programme and, in line with MoU,

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during the year three Japanese undergraduate students have carried out their internship at IIITDM Kancheepuram and one IIITDM Kancheepuram UG student spent about 3 months at Japanese University and HIAS, Japan.

In continuation of this collaboration, NUT Japan has, at present, proposed to establish and develop a GIGAKU Techno Park Office at IIITDM Kancheepuram

to promote industry – academia relationship. This arrangement will enable the following:

- Coordinate collaborative research among IIITDM Kancheepuram, NUT, and Industries;
- 2. High quality R & D among IIITDM Kancheepuram, NUT, and Industries;
- 3. Engineering education to companies through joint research project;
- 4. Collaborative symposium among IIITDM Kancheepuram, NUT, and Industries;

In this regard, NUT, Japan has forwarded a MoU to be executed between NUT Japan (Annexure 'F') and IIITDM Kancheepuram.

The Board perused the draft MoU and after due deliberation approved the proposal of setting up of GIGAKU Techno Park Office at the institute by NUT and also execution of MoU in this regard.

Item No.09

Consideration for awarding the 'Design and Manufacturing' as specialization in the major engineering programs instead of Degree name itself.

IIITDM Kancheepuram offers four undergraduate academic programs leading to B Tech degree in "Computer engineering", "Electronics and Communication Engineering (Design and Manufacturing)", "Mechanical Engineering (Design and Manufacturing)" and "Mechanical - Smart Manufacturing".

It is observed in some IITs and reputed deemed universities that the

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specializations or minors in the broad engineering disciplines are mentioned in the degree certificate itself although at the time of admission students are admitted in broader areas like Electronics and Communication or Mechanical Engineering. It is also observed that the same is benefitting the students

when they apply for various government positions, etc., where only established branch names are mentioned.

In order to extend similar benefit to students of this institute, it is proposed to award degree with specilisation as given below:

Existing name	Proposed name B Tech Computer Engineering (no change)	
B Tech Computer Engineering		
B Tech Electronics and Communication Engineering (Design and Manufacturing)	B Tech Electronics and Communication Engineering with specialization in Design and Manufacturing	
B Tech Mechanical Engineering (Design and Manufacturing)	B Tech Mechanical Engineering with specialization in Design and Manufacturing	
B Tech Mechanical - Smart Manufacturing	Mechanical - Smart Manufacturing (no change)	

This item was placed before the Senate and the Senate after discussion recommended the same for consideration of the Board. The recommendation of the Senate was submitted to the Chairman, BoG and with the approval of Chairman, BoG, the revision has been incorporated and forwarded to CSAB-2017 for admission process.

The Board considered and ratified the action taken by the Chairman, BoG.

The Institute offers four undergraduate, five dual degree, four post graduate and doctoral research programs. There are 24 full time faculty members and 14 Visiting and Adjunct faculty members on the rolls of the Institute. Currently, the academic administration has four streams represented by stream coordinators and the faculty strength in the each stream ranges from 4 to 10. The smaller size in each stream affects the visibility of the Institute. With the introduction of new streams in the interdisciplinary areas and to project the Institute with more faculty in each group, it is proposed to form

schools as given below:

- I. School of Computer and Electrical Engineering (SCEE)
- II. School of Mechanical Engineering and Physical Sciences (SMEPS)
- III. School of Interdisciplinary Engineering (SIE)

Each school will be chaired by a Chairperson and with increasing faculty strength, in future; the schools will have departments or streams under them. The existing faculty may choose to be a part of any one of SCEE and SMEPS. The SIE will have faculty of their own in future and the existing faculty can hold adjunct positions with SIE also.

The proposal was considered by the Senate and the Senate recommended establishment of following Schools as the faculty strength in each stream/department is less at present.

- School of Computer and Electrical Engineering (SCEE)
- School of Mechanical Engineering and Physical Sciences (SMEPS)

The recommendation of the Senate was submitted to the Chairman, BoG and Chairman, BoG approved the same.

The Board considered and ratified the action taken by the Chairman, BoG.

Item No. 11

Enhancement of Dearness Allowance w.e.f. 01.01.2017

Ministry of Finance vide its letter dated 07 April 2017 notified the enhancement of Dearness Allowance to Central Government employees from the existing rate of 132% to 136% w.e.f. 1 January 2017. The same has been endorsed by MHRD Vide its letter dated 26 April 2017.

With the approval of the Director, the Dearness Allowance at the rate of 136% has been paid to the Institute staff.

	The Board ratified the action taken by the Director.	
ltem	Report on the Status of the permanent campus construction of IIITDM	
No. 12	Kancheepuram	
	Setting up of IIITDM Kancheepuram was sanctioned by the Govt. of India	
	based on DPR prepared during October 2003 and communicated under DO	
	Letter No. 15-6/2006-TS-1 Dated 30 th August 2006. Based on the same,	
	Institute commenced its functioning in the year 2007 in the mentor Institute	
	IIT Madras campus.	
	In DPR 2003, the project period was kept as three years from 2003-04 to	
	2006-07 with an total out lay of 50.38 crores for capital expenditure with	
	55000 sq.m of built up area with 1200 students intake. After constant	
	persuasion and overcoming the proposal of Government of Tamil Nadu to	
	allot 101.75 Acres under Lease agreement and allotment of 25 Acres free o	
	cost, finally 51.75 acres of Land was allotted free of cost and taken over afte	
	due permission from BoG during October 2010. The Architectural consultant	
	appointed with the approval of BoG, informed that since the land allotmen	
	has been reduced from 101 Acres to 51.75 acres until unless the buildings are	
	designed with minimum G+14 for hostels, and residential areas and G+6 fo	
	academic areas (due to height restrictions) it is not feasible to accommodate	
	the infrastructure requirements within this allotted areas.	
	The BoG has been appraised of the above developments and after du	
	consideration of the facts and based on the recommendation of BWC and FC	
	the BoG during 10/2010 has approved to take up 1,20,000 Sq.M. built-u	
	area for construction of the new campus.	
	The Institute has moved from IIT Madras to the new campus in the sen	
	permanent structure from the academic year 2011 onwards as the mento	
	Institute was unable to accommodate 4 batches of students and IIT Madra	
	expressed their inability to accommodate beyond. The Infrastructur	
	development work is executed through CPWD as deposit work by according	

AA&ES with due approval of BWC, FC and BoG Building / Component wise commensurate to the year to year requirement for fresh intake vis-à-vis the available Grant-in-Aid through allotted budget.

Based on the factors mentioned as above it has been observed that the DPR 2003 needs a revision due to

- a) Inadequate provision in built up area.
- b) Error in adoption of Plinth Area rates.
- c) Abnormal delay in allotment of land.
- d) Inadequate area of land allotted.
- e) Original DPR prepared without any drawings and master plan of the site.
- f) Inadequate and non provision of items for furniture, equipments, playfields, bulk services.
- g) Government has changed the specification of Government buildings.
- h) The Green building concepts need to be adopted in Government buildings

As regards to revision of already sanctioned projects, the provision in "Manual on Policies and Procedure for Procurement of Works" by Ministry of Finance (Aug 2006) Page No. 8 clause 2.9.1. states that

- "During preparation of DPR
- or at tender processing stage
- or during execution of work
- Or after the completion of work

if it is felt that the project cost has or is likely to vary more than 10% of sanctioned cost, then a Revised Project Report taking into account various possible reasons for variation like change in scope, design of work, material/labour cost, time over run etc shall be prepared and sanction of

competent authority shall be obtained".

After finalising the Detailed design and drawing for the entire campus by the Consultant a RDPR has been prepared for the actual requirements based on the CPWD plinth Area rates enhanced by the approved Cost index. During July 2012 BWC, FC and BoG have been appraised of the provisions available on DPR 2003 and the actual requirement keeping the scope of the project for original vis a vis revision as the same with total cost of Rs 750 crores for recurring and non recurring expenditures. On the recommendation of the Board for approval of RDPR JUNE2012 for AA&ES from the competent authorities the same has been forwarded to MHRD. Before submission of RDPR, the built up area and cost provided in the DPR 2003 has not been exceeded and the project scope has not been changed.

In spite of the best possible efforts by the Institute, the revised sanction has not been accorded till date but the grand-in-aid has been released regularly based on the approved budget allotment till October 2015.

MHRD has taken a stand since October 2015 that no Grant –in-aid will be released even though allotment available in the approved budget till the revised sanction is accorded. It is regretted that due to this decision all the ongoing works has been stopped by CPWD and the Institute faces the following consequences.

- Academic and research activities suffered as multiple laboratories are at present accommodated in few rooms with minimal equipment.
- Faculty recruitment could not be carried out in full swing due to unavailability of faculty office space.
- 3. The exclusive hostel for Girls could not be completed and the girls were temporarily accommodated in boys hostel by putting a partition. This resulted in allotment of 2 to 3 students in a single

- room leading to severe inconvenience to student life.
- 4. While the Lab Buildings are partially ready, the institute could not able to procure all required equipment for quality research and also for conducting lab courses.
- 5. Since the decision is communicated without prior information deviating the previous year's practice, the ongoing works (hostel, lab complex and faculty housing) could not be put on hold in advance. There are huge amount of bills due to the contractors for the works already executed as per the AAES.
- 6. Interest as per the provision of the agreement for delayed payments have to be borne by the Institute. Litigation and arbitration due to stoppage of work and cost implications on those litigations and arbitration are to be borne by the institute.
- Since no definite date by which the fund will be released is known and already for the 18 months no payments have been made, CPWD has foreclosed the ongoing works.
- 8. The escalation payments due to the delay on account of nonpayment has to be borne by the Institute.
- 9. The remaining work to be taken up also gets delayed and will have a considerable time over run and thus cost overrun in balance work execution.
- 10. Above all Institute is struggling to meet the requirement of day to day needs to run the Institute.

As regards to revise the sanction based on the RDPR submitted by IIITDM, a meeting was held in MHRD during October 2014 and discussed the way forward to obtain revised sanction. In the said meeting certain modification on the submitted RDPR 2012 was requested. Accordingly, RDPR November 2014 was submitted to MHRD on Nov 2014 along with revised EFC memo for the total recurring and non recurring expenditures for Rs.498.98 crores and the same was appraised to the BWC, FC and BoG.

For the reasons best known to MHRD, the EdCIL has been entrusted with the preparation of RDPR on Feb 2015 for IIITDM Kancheepuram & Jabalpur afresh and EdCIL forwarded the RDPR during Feb 2016 for a total cost of Rs.599.47 crores.

An EFC meeting was held on 16-12-2016 and certain clarifications sought on 30-12-2016 has been provided with on 2-1-2017.But till date the revised sanction has not been accorded nor has the Grant in Aid been released. The

The Board noted.

Item No.13

To report the Visits of Prof R Gnanamoorthy, Director to Japan

Institute has exhausted all its sources of persuasion.

Prof R Gnanamoorthy, Director, visited Nagaoka University of Technology, Japan from 7 Feb 2017 to 11 Feb 2017 to evaluate the Doctoral Research work as an Examiner. During the visit, the Director also signed a MoU with the University which was earlier approved by BoG to promote the exchange of student.

Prof Gnanamoorthy was invited to be a part of the Expert Reviewer Panel constituted to review the 'Top Global University Project' sanctioned by the MEXT, Govt of Japan. Other members of the review panel are Sri M Amoh, President of Amoh Group and Senior Advisor and Past President of DuPont Japan, Sri T Ichihashi, Chief Director of Technology, Nippon Seiki, Sri S Watanabe, Adviser JEOL Ltd, and Sri Aaron Vera, Trade Commissioner of Mexico in Japan.

The visits had the approval of Chairman, BoG and the expenditures were taken care by the Japanese counterpart.

The Board noted.

Item concerning IIITDM Kurnool mentored by IIITDM Kancheepuram

Item Consideration and Approval of the Minutes of the 2nd Meeting of the

No.14	Academic Council of IIITDM Kurnool held on 31 st March 2017
	The Minutes of the 2 nd Academic Council held on 31 st March 2017 was
	submitted to the Board (Annexure 'G'). The Board took note of the following
	recommendations/approval of the Academic Council:
	Approval the new curriculum and syllabus of B. Tech in Electronics
	and Communication Engineering (ECE), Electronics and
	Communication Engineering (D&M) [ECEDM], Computer Science &
	Engineering (CSE), Computer Engineering (COE) and Mechanical
	Engineering (D&M) [MDM] Programs
	Approval of Ordinances and Regulations of B. Tech. programme
	Approval of mentioning the 'Design and Manufacturing' as
	specialization in the major engineering programs instead of Degree
	name itself
1=	Revised Academic calendar anticipating a severe water crisis in
	Chennai during summer, 2017
	Status report on Admission of students for the year 2016-17 of IIITDM
	Kurnool
	The Board after deliberation RESOLVED to approve the Minutes of the 2 nd
	Meeting of the Academic Council of IIITDM Kurnool.

The meeting concluded with vote of thanks to the Chair.

(Prof. R. Gnanamoorthy)

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Director and Secretary i/c

(Prof. M.S. Ananth)

Chairman, BoG