INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN & MANUFACTURING (IIIT D&M), KANCHEEPURAM

MINUTES OF THE ACADEMIC ADVISORY COMMITTEE MEETING HELD ON 23.05.2007 AT 3.00 P.M. IN THE CONFERENCE ROOM, V FLOOR, ADMINISTRATIVE BLOCK, IIT MADRAS

Members Present:

Prof. R Gnanamoorthy	ME	Chairman
Dr Usha Titus	Registrar	Member Sec & OSD
Prof. S Narayanan	ME	Member
Prof. S Santhakumar	AE	Member
Prof. S Srinivasan	EE	Member
Prof. S K Saha	ED	Member
Prof. Ravindra Gettu	CE	Member
Dr. V Jayashankar	EE	Member
Dr. Nilesh J Vasa	ED	Member
Dr. S .Ganesh Sundara Raman	MM	Member
Dr. G L Samuel	ME	Member
Dr. Shankar Balachandran	CS	Member

1. The Chairman, Academic Advisory Committee, IIIT D&M welcomed all members.

2. The Chairman presented the revised curriculum of the proposed B Tech (Design & Manufacturing) programme. Members suggested that the electives should be listed to gather. The revised curriculum will be submitted to the Dean (AC), IITM for incorporation in the forthcoming semester.

3. The committee members accepted the curriculum of the programme after a detailed discussion.

4. Different logos of the institute and web page were proposed. It is decided to finalize the logo of the institute after getting few more designs from IITM students.

5. The members indicated that the title of the Institute in the web page should be IIIT D&M, Kancheepuram.

6. Members also felt the need of an office room and supporting staff for the activities of IIIT D&M.

7. Prof. Gettu expressed that it is better to visit the proposed site of the Institute and initiate the planning activities.

23/5/07

R Gnanamoorthy
Chairman

To
All Members
Director, IITM

IIITD&M
KANCHIPURAM

*Teachers open the door. You **ENTER** by yourself.*

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING

Kanchipuram

(A Centre for Excellence established by Ministry of Human Resource Development,
Government of India)

- About us
- Vision & Mission
- Academics
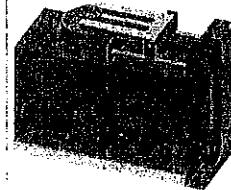- Admissions
- Administration
- Research Areas
- Location

An institute for interdisciplinary academic and research programme that integrates engineering design, manufacturing and management with information technology

at present is operating

IIIT D&M operates at IIT Madras with the support of staff and faculty members of IIT Madras until a new campus is setup at Kelambakkam-Vandalur road near Chennai
One
(Approximately 20 km from Chennai Airport)

Admissions open for B Tech programme

Announcements

Admission to the
B Tech Program
is based on AIEEE
Examination

Government of Tamilnadu
has earmarked 100 acres
of land for setting
up IIIT·D&M
near Chennai

IIIT D&M Office, Indian Institute of Technology Madras (IITM), Chennai - 600 036
Phone No: +91-44-2257 8001 Fax : +91-44-2257 8003

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About IIIT D&M, Kanchipuram

Globalization has created uniformity in customer expectations world over. With opening up of Indian economy, our manufacturing sector has to compete globally even for the domestic market. This would require strong products with leading technology / quality and compelling cost advantage. Suitably trained manpower with skill sets appropriate for design, development and prototyping using modern IT tools is critical to achieve this goal. This Institute is envisioned as an academic institution of excellence that would facilitate and promote the competitive advantage of Indian products in global markets. This Institute will serve as an inter-disciplinary institution for education and research in the area of Product Lifecycle Management (PLM) encompassing design and manufacturing using state of the art concepts, tools, processes and practices of the industry world over.

IIT Madras has been entrusted with the responsibility of setting up this Institute. Classes will be conducted in the IIT Madras campus till Institute's facilities are created. Strong industry interface and close cooperation with other academic and research institutions will be the key features of this Institute.

This Institute will give emphasis on synthesis, creativity, hands-on experience, innovation, communication and entrepreneurship. These qualities along with basic knowledge of design and manufacturing technologies will form the ethos of education at this Institute.

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Vision
To become a premier institution of excellence in Design and Manufacturing that would create and develop a new generation of engineers and technologists with the ability and mindset to lead Indian industries in globally competitive economic environment

Mission

To be a world class apex centre of excellence in education, research, development and training in Design and Manufacturing

Charter

- To develop highly qualified outstanding engineers and technologists through education and training, at both undergraduate and postgraduate levels, who would be capable of understanding and addressing a demanding array of competing design and manufacturing technologies, standards, innovations and business issues and opportunities with awareness of environmental and societal implications of technologies
- To conduct advanced cutting edge research and development in design and manufacturing technologies, on its own, in partnership with industries and in networking with academic and research institutions across the globe for sustainable growth of the country
- To provide distance learning and continuing education programmes for faculty and research scholars from other institutions and practicing engineers in industries
- To organize conferences, symposia, workshops, seminars, user oriented training programmes, etc. for the dissemination of knowledge to industry

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Academic Programme

▣ The academic programme are designed to have group practice sessions, assignments, presentations and design projects to reinforce the fundamental concepts learnt through lectures from experts.

▣ All courses will be handled by eminent teachers from IITs, and reputed Universities and guest speakers from leading R&D organisations and industries in addition to the highly qualified faculty of the host institute.

▣ Students will have an opportunity to get trained in the world class facility that will be developed.

Courses Offered

▣ **Undergraduate Programme**

▣ **Postgraduate Programme**

▣ **Research Programme**

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Undergraduate Programme

The Institute offers a 4 Year unique and innovative undergraduate programme,
B Tech (Design and Manufacturing) in the academic year 2007-2008.

This programme has been designed by a group of experienced faculty members,
who have a mixture of academic and industrial experience.

In consecutive years, other streams will be introduced.

B.Tech Design and Manufacturing Curriculum

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The All India Engineering/Architecture Entrance Examination (AIEEE) is the common admission test for candidates seeking admission to the B.Tech programme. It is conducted by Central Board of Secondary Education in the month of April every year. For more details refer to the AIEEE brochure.

The candiadate should have passed qualifying examinations +2 (HSC/Class 12/Intermediate Examinations or Equivalent)

For Further details about AIEEE see www.aieee.nic.in

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Academic Advisory Committee

1. Prof. R. Gnanamoorthy	Chairman
(Prof- in-charge of the programme)	
2. Prof. S. Narayanan	Member
3. Prof. V. G. Idichandy	Member
4. Prof. S. Srinivasan	Member
5. Prof. V. Jayashankar	Member
6. Prof. S. K. Saha	Member
7. Prof. Nilesh J. Vasa	Member
8. Prof. Ravindra Gettu	Member
9. Dr. Shankar Balachandran	Member
10. Dr. G. L. Samuel	Member
11. Dr. S. Ganesh Sundara Raman	Member

The Institute is now registered as a Society (No 1/2007) under the Tamil Nadu Societies Registration Act, 1975. The ... members of the Society are a ...

At present they are IITM ... change in the ... and ... IIT Madras is the Office ...

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Focus areas are multidisciplinary and include:

- Product design
- Micro-nano systems
- Design with advanced engineering materials
- Development of new surface modification processes
- Materials and Processes
- Nano materials
- Engineered surfaces
- Green manufacturing
- Automation and robotics
- Precision manufacturing
- Product lifecycle management

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IIT D&M operates at IIT Madras until a new campus is setup at
Kelambakkam-Vandalur road near Chennai
(Approximately 20 km from Chennai Airport).

Current Location (IIT Madras)

IIT Madras is situated on Sardar Patel Road and is opposite to Central Leather
Research Institute and Anna University

IIT Madras is around 14 km from Central Railway Station.

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BUDGET FOR IIIT D&M KANCHIPURAM

CAPITAL INVESTMENTS

	Rs. In Lakhs			
	2007-08	2008-09	2009-10	Total
Building & Infrastructure	5000	10000	10690	25690
Equipment	400	2500	450	3350
	5400	12500	11140	**29040**

RECURRING COST

	Rs. In Lakhs			
	07-08	08-09	09-10	Total
Pays and Allowances	100	260	480	840
Out sourcing Expenses	40	80	120	240
Real Estate Maint (5%)	0	250	750	1000
Equipment Maint (10%)	0	40	290	330
Water, elect, phone Etc.,	10	30	50	90
	150	660	1690	**2500**

A. BUILDING & INFRASTRUCTURE

1. Academic Zone

	Size Sq. m	Units	Total Size Sq. m	Rs. In Lakhs
1. Class Room	120	40	4800	960
	450	6	2700	540
2. Auditorium	2500	1	2500	500
3. Seminar Halls	200	2	400	100
4. Meeting Rooms	100	4	400	100
5. Library	500	1	450	125
6. Computer Centre	1500	1	1500	375
7. Workshop	1000	1	1000	200
8. Cafeteria etc.,	1500	1	1500	300
9. Laboratories	400	30	12000	2400
10. Administrative Buildings	5000	1	5000	1000
11. Design Studio	5000	1	5000	1500
Sub Total				**8100**

2. Residential Area

	Size Sq. m	Units	Total Size Sq.m	Rs Lakhs
Student Hostel	25	1500	37500	7500
Mess Dining Hall	2350	1	2350	470
Faculty Houses	150	100	15000	3000
Residential Staff	100	100	10000	2000
Transit Students	75	50	3750	750
Guest House	50	50	2500	500
Community Centre	1500	1	1500	300
Commercial Centre	3000	1	3000	600
Student Activity Centre	6000	1	6000	1200
Play Grounds				200
Sub Total				**16520**

3. General infrastructure

	Rs. In Lakhs
Internal Roads, drains, Landscaping & Horticulture	200
Electric Supply, Gen-sets and External Lighting	200
Water Supply,, treatment and sewerage system	400
Boundary Wall, etc.,	150
Survey, Soil Testing Etc.,	120
Sub Total	**1070**

B. ASSESSMENT OF EQUIPMENT

	Rs. In Lakhs
Physical Sciences Lab	150
Computer Centre	200
Strength of Material Lab	200
Electrical Lab	150
M/c Tool Lab	500
Controls Lab	100
Product Design & Testing Lab	300
Microprocessor Lab	100
Mechatronics Lab	200
CAD Lab	100
Metrology Lab	250
Design Studio	300
Automobile Lab	200
Bio design Lab	200
Library Furniture and book (initially)	100
Audio Visual aids	50
Accessories, spares and auxiliary equipment	100
Networking & Infrastructure	100
Miscellaneous	50
Total	**3350**