

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN & MANUFACTURING (IIITD&M)  
KANCHEEPURAM

**Minutes of the 11<sup>th</sup> Academic Advisory Committee Meeting held on 19.11.2010 at 3 pm  
in the Conference Room, II Floor, Administration Building, IIT Madras**

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The 11<sup>th</sup> Academic Advisory Committee (AAC) meeting of IIITD&M Kancheepuram was held on 19<sup>th</sup> November 2010, 3 PM at the Conference Room, V floor, Administration Building of IIT Madras. The following members were present:

**Prof. R. Gnanamoorthy, Director-Chairman**

**Members**

Prof. Harishankar Ramachandran IIT Madras

Prof. Santhakumar S, IIT Madras

Prof. Narayanan S, IIT Madras

Prof. Pradeep Yammiyavar, IIT Guwahati

Prof. R. Ramanujam, IMSc Chennai

Dr. M. Sathyaprasad, Ashok Leyland

Prof. V. Kamakoti, IIT Madras

Dr. Samuel G.L, IIT Madras

Dr. M. Sreekumar, IIITD&M Kancheepuram

**Invitee**

Lt.Col. Jayakumar, Registrar, IIITD&M Kancheepuram

Dr. B. Sivaselvan, IIITD&M Kancheepuram

Dr. V. Masilamani, -do-

Dr. Shahul Hamid Khan, -do-

Dr. S. Jayavel, -do-

Dr. K. Selvajyothi, -do-

Mr. Gurunathan, -do-

Prof. S. Srinivasan, Dr. Nilesh J Vasa, Prof. R. Krishnakumar, Prof. V. Jayashankar, Dr. Shankar Balachandran, Dr. G. Thanigaiyarasu, Dr. C. Mathiazhagan, Dr. Nitin Chandrachoodan, Prof. P. Chandramouli, Prof. Raghu Prakash, Dr. C.P. Ravikumar, Dr. Vivekananda M Vedula, Dr. Binsu J Kailath and Dr. Mihir K. Ravel could not attend the meeting.

The Chairman welcomed the members and briefed the AAC about the functioning of the Institute. The chairman briefed the committee about the ongoing infrastructure development activities also.

11<sup>th</sup> AAC on 19/11/2010

A.1 To confirm the minutes of the 10<sup>th</sup> meeting of the Academic Advisory Committee held on 23.07.2010

No comments were received. Hence, the minutes may be confirmed.

A.2 To report the action taken on the minutes of the 10<sup>th</sup> meeting of the Academic Advisory Committee held on 23.07.2010

Noted.

A.3 Introduction of Double & Dual Degree programs

**Resolution No. 16/2010** The Committee was briefed about the proposals on the Dual Degree programs in the three disciplines of Computer, Electronics and Mechanical Engineering.

After detail discussion, the Committee **recommends** introducing a Double Degree programme, wherein students will be initially admitted to B.Tech through Central Counselling and, a few meritorious students will be allowed to pursue full time PG programmes of the Institute subject to their interest and compliance to the norms laid down by the Institute, in which case the programme would be extended by one more year (Duration of Double Degree programme will be five years). After successful completion of the courses in the five year duration, the students will be awarded both B Tech and M Tech degrees. The details of the specialization and courses will be put to the AAC after Board approval. This would serve as a motivation for students who are really interested in pursuing post graduate level degree and ensure the highest level of academic standards. The Committee resolved to **RECOMMEND** the above program in principle and the increase in intake of B.Tech students to 30 (an increase of 10) from the academic session 2011 onwards.

The committee expressed that the proposed Dual Degree program in its current form can be considered at a later stage.

A.4 Admissions under DASA category.

**Resolution No. 17/2010** Further to the initiative of MHRD, Govt. of India, the Institute proposed to admit students in each of the three streams under the Direct Admission of Students Abroad (DASA) Category. The committee discussed the proposal and **resolved to recommend** to the Board the admission of 2 students out of the proposed sanctioned strength of 30 in each stream under the DASA program from the academic session 2011 onwards.

**A.5 Proposed restructuring of Quiz Schedule.**

**Resolution No. 18/2010** The Institute submitted the proposal of restructuring the Quiz schedule that is currently being followed to mitigate issues of student absenteeism / lack of participation in class hours during the Quiz period. As per the proposed schedule, Two Quizzes (Two Tests) would be scheduled per day (One Each in the Forenoon/Afternoon) and there would be no regular class work during the Quiz Days. Quiz I would be conducted on Monday (FN & AN), Tuesday (FN & AN), Wednesday (8.00 AM to 9:00 AM). Quiz II would be conducted on Wednesday (FN & AN), Thursday (FN & AN) and Friday (8.00 AM to 9.00 AM). Regular time table will be followed post the Quizzes on the Wednesday (of Quiz I) and Friday (of Quiz II). The lost class hours as a result of this restructuring would be compensated by appropriately adjusting the Institute Academic Calendar.

The AAC **resolved to approve** the proposed restructuring of Quiz schedule.

**A.6 Approval of the proposed courses**

**Resolution No. 19/2010** The following courses were submitted to the AAC for its approval. The AAC members discussed the contents and suggested changes in the depth/breadth, text/reference books. Changes have been incorporated in the final version given in Annexure I. The committee **approved** the introduction of the following list of courses:

- (1) Design for Manufacture & Assembly (UG/PG/Ph.D) in lieu of MEC 504 \*
- (2) Computational Fluid Dynamics (UG/PG/Ph.D)
- (3) Logistics & Distribution Management (-do-)
- (4) Communication Systems (-do-)
- (5) Electromagnetic Interference and Compatibility (-do-)
- (6) Advanced Data Structures & Algorithms (-do-)
- (7) Computer Aided Process Planning (-do-)
- (8) Probabilistic Engineering Design (-do-)

The Institute proposed to replace the core course MEC 504 'Design with New Materials and Processes' scheduled in the Second Semester of M.Des Mechanical Systems curriculum with the course Design for Manufacture &

Assembly. This would equip the M.Des Mechanical Systems students with the latest trends in Design & Manufacturing.

The committee **approved the replacement** and other new courses.

**A.7 To approve and recommend to the Board, the increase in financial assistance for Ph.D scholars to present papers in International Conferences Abroad**

**Resolution No. 20/2010** Further to the revision in financial assistance offered to Ph.D scholars in IIT Madras, the Institute proposed to increase the maximum limit to Rs. One Lakh only to present research work in reputed International Conferences held abroad. The committee discussed the proposal and **resolved to recommend** to the Board to increase the ceiling to Rs. One Lakh only. The AAC also suggested incorporating a minimum of One and a Half Year successful completion of period of study as an eligibility criterion in lieu of the publication count criterion for scholars to be considered under this scheme. The committee resolved to approve this criterion in addition to the existing mandates of the Institute Financial Assistance Scheme. The Revised Scheme as recommended/approved by the AAC is given in Annexure II.

**A.8 To approve the proposed Distinction and Honours Recognition for UG/PG programmes from 2011 Batch Onwards.**

**Resolution No. 21/2010** In view of the opinion expressed by the Faculty, Staff and Student community, the Institute submitted a proposal to introduce Distinction and Honours for the recognition for students who are exceptionally talented, consistently sincere and hardworking.

The AAC **resolved to RECOMMEND** to the Board the introduction of UG/PG with Distinction recognition for students who secure an (i) overall CGPA of 9.0 or

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A.9 To recommend to the Board the revised rates of Ph.D scholarship.

**Resolution** Further to the communication from MHRD, Govt. of India vide F.No.25-2/2010-  
**No.22/ 2010** TS, revision of monthly stipend to Ph.D scholars of the Institute was submitted to the AAC for recommendation to the Board. The AAC **resolved to recommend** the scheme to the Board. Eligibility / Governing criteria as communicated by the MHRD and recommended by the AAC are given in Annexure III.

A.10 To recommend to the Board the proposed MoU with Nagaoka University of Technology.

**Resolution** MoUs facilitating collaborative research, technology development and  
**No.23/ 2010** knowledge exchange involving faculty/scientists and student members were submitted to the AAC for recommendation to the Board. The terms and conditions concerning the proposed Memorandums of Understanding with Nagaoka University of Technology, were submitted for the AAC's consideration. The AAC recommended the proposed MOU's to the Board for its approval. (Annexure IV).

Date: 24-11-2010

(Prof R.Gnanamoorthy)  
Director & Chairman