

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY

DESIGN AND MANUFACTURING, KANCHEEPURAM

Minutes of the 30th Senate Meeting held on Tuesday, 22nd March 2016 at 3:00 PM at the Senate Hall, IIITDM Kancheepuram, Chennai-600 127.

The 30th Senate Meeting held on Tuesday, 22nd March 2016 at 3:00 PM at the Senate Hall, IIITDM Kancheepuram, Chennai-600 127. Following members attended the meeting:

Prof R Gnanamoorthy, Director, Chairman

Members:

Prof V Jagadeesh Kumar, IITM

Dr AnandLakshmanan, Ms Ericson Ltd

Prof P Chandramouli, IITM

Dr G Venkatesh, Ms Sasken Communication Tech Ltd.

Dr V Masilamani, IIITDM

Dr M Sathya Prasad, Ms Ashok Leyland Ltd

Dr P Damodharan, IIITDM

Dr B Shahul Hamid Khan, IIITDM

Invitee

Prof S Narayanan, IIITDM

Prof Raghu V Prakash, IITM

Prof L Vijayaraghavan, IITM

Dr C Mathiazhagan, Ms Market I, Japan

Prof Nilesh J Vasa, IITM

Dr B Ravikishore, Ms HCL Ltd

Dr Shak Noor Mahammad, IIITDM

Mr. Sandeep Ghosh, Ms TCS Engineering Services

Dr Tapas Sil, IIITDM

Dr J Umarani, IIITDM

Dr Binsu J Kailath, IIITDM

Dr Sudhir Varadharajan, IIITDM

Dr Premkumar, IIITDM

Dr Senthilkumaran K, IIITDM

Dr N Sadagopan, IIITDM

Dr Venkata Timmaraju Mallina, IIITDM

Prof. Krishnamoorthy Sivalingam expressed his inability to attend the meeting due to other administrative commitments.

The Chairman welcomed the members and briefed the Senate about the functioning of the Institute. The Chairman informed the Senate about the need of constituting the new Senate as per the IIIT Act by the Board and placed on record the services rendered by the outgoing Senate members. The Senate is also intimated about the constitution of a separate Academic Council for IIITDM Kurnool.

A.1	To confirm the Minutes of the 29th Meeting of the Senate held on 12th February 2016														
	<p>The Minutes of 29th Meeting of the Senate held on 12th February 2016 were circulated to all members of the Senate. Suggestions received from Senate members regarding the proposed B Tech Program in Smart Manufacturing and action taken were reported/placed for discussion in the 30th Senate meeting.</p> <p>The Senate Confirmed the Minutes of the 29th Meeting.</p>														
A.2	To report the action taken on the Minutes of the 29th meeting of the Senate														
	<table border="1" data-bbox="391 1062 1425 1755"> <tr> <td data-bbox="391 1062 548 1213">Res. No. 01 /2016</td> <td data-bbox="548 1062 1243 1213">To consider the possibilities of introducing New B Tech Program in Smart Manufacturing</td> <td data-bbox="1243 1062 1425 1213">Under process</td> </tr> <tr> <td data-bbox="391 1213 548 1392">Res. No. 02 /2016</td> <td data-bbox="548 1213 1243 1392">To consider the proposal of introducing one new program in Mechanical Engineering for IIITDM Kurnool, curriculum for the offered programs and increase in intake for B.Tech of IIIT Kurnool</td> <td data-bbox="1243 1213 1425 1392">Under process</td> </tr> <tr> <td data-bbox="391 1392 548 1602">Res. No. 03 /2016</td> <td data-bbox="548 1392 1243 1602">To discuss and approve modification in graded punishments for the act of indiscipline and malpractice by students in the Institute</td> <td data-bbox="1243 1392 1425 1602">Due course of Implementation</td> </tr> <tr> <td data-bbox="391 1602 548 1755">Res. No. 04 /2016</td> <td data-bbox="548 1602 1243 1755">Award of Ph. D degree to Shri. Rajin M Linus (EDM10D002) and issue of Provisional Certificate</td> <td data-bbox="1243 1602 1425 1755">Under process</td> </tr> </table> <p data-bbox="391 1812 760 1850"><i>The Senate noted the same.</i></p>			Res. No. 01 /2016	To consider the possibilities of introducing New B Tech Program in Smart Manufacturing	Under process	Res. No. 02 /2016	To consider the proposal of introducing one new program in Mechanical Engineering for IIITDM Kurnool, curriculum for the offered programs and increase in intake for B.Tech of IIIT Kurnool	Under process	Res. No. 03 /2016	To discuss and approve modification in graded punishments for the act of indiscipline and malpractice by students in the Institute	Due course of Implementation	Res. No. 04 /2016	Award of Ph. D degree to Shri. Rajin M Linus (EDM10D002) and issue of Provisional Certificate	Under process
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A.3	To discuss and approve the curriculum of B. Tech in “Mechanical - Smart Manufacturing”
Res. No. 04 /2016	<p>The Senate vide its Resolution No.01/2016 approved, in principle, to start new B. Tech program in “Smart Manufacturing”. The views of the Senate were presented to the Board in the subsequent meeting for consideration. Board members listened to the proposal, discussed and appreciated the need of the program. Board suggested naming the program B Tech (Mechanical –Smart Manufacturing) to facilitate acceptance in Government sectors although Industries will easily accept. Some Board members expressed that the ICT courses are necessary in the modernization process of the manufacturing industries. Board approved the proposal to proceed with the curriculum development process.</p> <p>Subsequently, course advisory committee constituted for the purpose discussed on the course requirements and the recommendation was presented to the Second Brain Storming Meeting conducted on 4th March 2016 with industry experts. Experts from the manufacturing industry and institute faculty deliberated the requirements from the industry point view and took note in the curriculum development process. The proposed undergraduate 4-year program is line with the ongoing Production and Industrial/ Manufacturing programs offered elsewhere but with the necessary ICT Courses required for modern manufacturing industry. Senate is also briefed about opportunities after completion of undergraduate program both in higher education and placement in manufacturing and other domains. Senate is also intimated about possibilities of offering dual degree specializations in the Institute after gaining experience in offering the new undergraduate program in Electronic or Semiconductor or Implant Manufacturing specialization after gaining experience in offering this undergraduate program and understanding the industry acceptance/needs.</p>

	<p>The tentative curriculum for the proposed program evolved after the series of meetings considering the general guidelines followed in the existing UG programs was presented to the Senate.</p> <p>The Senate discussed and RESOLVED to approve the new B Tech Mechanical – Smart Manufacturing Program and course curriculum as given in Annexure ‘A’.</p>
A.4	<p>To discuss and approve the proposal to rename B Tech Degree in “Electronics Engineering – (Design and Manufacturing)” offered in IIITDM as “Electronics and Communication Engineering - Design and Manufacturing” from 2014 batch</p>
Res. No. 05 /2016	<p>Students admitted in the B Tech Electronics Engineering – (Design and Manufacturing) of the Institute have expressed interest in having more Communication Courses in their curriculum. They believe that this would give them an opportunity to</p> <ul style="list-style-type: none"> • Pursue higher studies in the field of Communication Engg. as well • Increase the scope of the program as they can get job offers from companies working in Communication Technologies as well • As India is moving towards Digital India, more skilled engineers would be produced by exposing the students to Communication Technologies which would increase their employability. <p>A committee comprising of faculty with Electronics and Communication engineering specialization looked into the possibilities of considering their request. The committee analyzed the program on offer in reputed Institutes and felt that a few additional courses in communication engineering can be offered without sacrificing the objective of the established program. By doing this, the Committee felt that the program can also be called as Electronics and Communication Engineering – Design and Manufacturing. The committee also indicated that these new courses / modification are from the 3rd year and the students admitted in 2014 can also be considered for this change.</p>

Semester & Existing Course		Change	Semester & Proposed Course	
5 th sem	Electronic Manufacturing(3 0 3)	Merged	5 th sem	Electronic Manuf. and Prototyping (1 3 3)
	PCB Design (0 3 2)			Information Theory and Coding (3 0 3)
6 th sem	Embedded System (3 0 3)	Merged	6 th sem	Embedded System Design (1 3 3)
	Embedded System (0 3 2)			
		New		Data Networks(3 0 3)

Hence with the following suite of communication courses, it is proposed to rename the degree as **Electronics and Communication Engineering - Design and Manufacturing” (ECE-DM)**.

CORE COURSES for Communication Engineering-
Engineering Electromagnetics
Signals and Systems
Digital Signal Processing
Analog and Digital Communication
Information Theory and Coding
Data Networks

The Senate discussed and **RESOLVED** to approve renaming the program as **B Tech ‘Electronics and Communication Engineering - Design and Manufacturing”** from 2014 batch onwards with the curriculum as given in Annexure ‘B’.

The Senate suggested to offer the change option to existing first, second and third year students who were admitted earlier and wish to take the approved courses as electives in case of third year students.

A.5	To ratify the decision of Disciplinary Committee on act of indiscipline and misconduct by students in the Institute		
<p>Three students were found indulged in malpractice during the examinations (Quizzes) conducted by the institute. Disciplinary Committee (Acad.) looked into these matters and recommended for the actions against these acts of malpractices. Name of the students who are involved in malpractice in the Institute and the recommendation by the disciplinary committee for them are given below:</p>			
Sl No	Name/Roll No. of the Student	Act involved	Recommendation by the Disciplinary Committee
1.		Possession of Mobile phone, wherein the subject content relevant to the examination were accessed during the end semester exam of 'INT107T-English for Communication'.	He shall be awarded 'U' grade in the subject concerned and he will not be eligible to write supplementary exam or contact course in the respective subject.
2.		Possession of hand-written subject matter on a piece of paper during the supplementary exam of 'MEC109-Static and Strength of Materials'.	He shall be awarded 'U' grade in the subject concerned and he will not be eligible to write supplementary exam or contact course in the respective subject.
The Senate ratified the decision of the Institute.			

Sd/-
Chairman, Senate