

**Minutes of Board of Studies Meeting: ICT
School of Technology (SoT),
Pandit Deendayal Energy University
Gandhinagar, Gujarat-382007**

Date: 30/05/2022

Time: 2:30PM onward

Venue: Conference Hall And MS Teams

A. Members of Board of Studies

Name of BoS Member	Name of Organization and Designation	Present / Absent	Remarks
Dr Ganga Prasad Pandey,	Assistant Professor, PDEU	Present	BOS Chair
Dr Jigarkumar Shah,	Assistant Professor, PDEU	Absent	BOS Member
Dr Hardik Patel,	Assistant Professor, PDEU	Present	BOS Member
Dr Paawan Sharma	Associate Professor, PDEU	Present	BOS Member
Dr Mohendra Roy	Assistant Professor, PDEU	Present	BOS Member
Dr. Rajesh Patel	Professor, PDEU	Present	Invited member
Mr Nilesh Ranpura	Delivery manager, e-Infochip, Ahmedabad	Present	External BOS Member
Dr Mehul S. Raval,	Professor, Ahmedabad University, Ahmedabad.	Present	External BOS Member
Dr Debajyoti Dhar,	Deputy director, SAC, ISRO.	Present	External BOS Member
Mr. Mahesh Sutariya	CEO and CO-Founder, Cloud enfotech ltd, Ahmedabad	Present	External BOS Member
Dr. Rahul Kumar	Assistant Professor, PDEU	Present	Invited members
Dr. Pallab Nath	Assistant Professor, PDEU	Present	Invited members
Dr. Devlina Adhikari	Assistant Professor, PDEU	Present	Invited members
Dr. Vivek Pandit	Assistant Professor, PDEU	Present	Invited members
Dr. Shantosh Satapathy	Assistant Professor, PDEU	Present	Invited members
Dr. Nitin Singh Rajput	Assistant Professor, PDEU	Present	Invited members

B. Agenda of Meeting:

Agenda points for Board of Studies Meeting, 30 May, 2022

1. Approval of the detailed syllabus of 5th semester Electronics and Communication Engineering.
2. Approval for name change from "Modern Control Theory" to "Control Systems" as core elective of 5th semester ECE.
3. Approval of detailed syllabus of 1st and 2nd semester M. Tech. in "Artificial Intelligence" program.
4. Approval for change of credit of "optimization techniques for AI/ML" to 3 from 2 for M. Tech in Artificial Intelligence program.
5. Approval of the credit change of dissertation to be 19 for M. Tech in Artificial Intelligence program.

6. Approval for name change of B. Tech. ECE program 6th semester course from “Digital Control System” to “Modern Control systems”.
7. Any other point with permission of Chairman BOS :
 - a. approval of detailed syllabus of 6th, 7th and 8th semesters of ECE program
 - b. Approval of Detailed syllabus of M. Tech. (AI) 3rd and 4th semesters
 - c. Course name change for ECE 6th semester subject “VLSI Technology”

C. Minutes of BoS Meeting:

The meeting started with welcome and introduction of external BOS members by Chair BOS.

Agenda wise discussion took place as per agenda as discussed below:

Agenda 1. Approval of the detailed syllabus of 5th semester Electronics and Communication Engineering.

Remarks: Prof. Mehul raised concern about pre-requisite of knowledge of probability and random variable for the subject “Probability and Statistics for Communication”. Prof. Mehul also suggested to include topics related to SDR and Channel characterization in the subject “Mobile Communication”.

Resolution: The suggested topics “Probability and Statistics for Communication” have been covered in Mathematics-III during 3rd semester. The suggestion to incorporate topics in subject “Mobile Communication” was accepted and has been incorporated.

Agenda 2. Approval for name change from “Modern Control Theory” to “Control Systems” as core elective of 5th semester ECE.

Resolution: Approved.

Agenda 3. Approval of detailed syllabus of 1st and 2nd semester M. Tech. in “Artificial Intelligence” program.

Remarks1: Some topics repeated in the core elective subject “AI in Finance”.

Resolution: accepted and incorporated.

Remark2: In the subject “Computer Vision” Prof. Mehul recommended to add Camera Calibration in Unit1 and add application of Remote sensing in the subject.

Resolution: Accepted and Incorporated.

Remark3: in the subject “Natural Language Processing” add RNN and LSTM.

Resolution: Accepted and incorporated.

Remark4: The subject “Reinforcement Learning” should be different from a B. tech course.

Resolution: Accepted and incorporated.

Remark5: The subject “Speech Information Processing” should include more content related to AI, and use of RNN and LSTM.

Resolution: Accepted and incorporated.

Remark6: The subject “Federated Learning” add application of in medical domain.

Resolution: Accepted and incorporated.

Agenda 4. Approval for change of credit of “optimization techniques for AI/ML” to 3 from 2 for M. Tech in Artificial Intelligence program.

Resolution: Approved.

Agenda 5. Approval of the credit change of dissertation to be 19 for M. Tech in Artificial Intelligence program.

Resolution: Approved.

Agenda 6. Approval for name change of B. Tech. ECE program 6th semester course from “Digital Control System” to “Modern Control systems”.

Resolution: Approved.

7. Any other point with permission of Chairman BOS :

a. Approval of detailed syllabus of 6th, 7th and 8th semesters of ECE program

Remark1: Prof. Debjoti Dhar suggested to add introduction to “x32” and “x64” processors then start ARM processor.

Resolution: Suggestions accepted and incorporated.

Remark2: In the 6th semester subject of Artificial Intelligence, it was suggested that “Introduction part of expert system” should be in Unit1 and “inference part” should be added in Unit3. Further Neural Network was suggested to be added in Unit4.

Resolution: Accepted and incorporated.

b. Approval of Detailed syllabus of M. Tech. (AI) 3rd and 4th semesters

Resolution: Approved

c. Course name change for ECE 6th semester subject “VLSI Technology” .

Resolution: Name changed to “Modern Semiconductor Devices & Technology”.

The students were called for feedback.

The meeting ended with vote of Thanks from Chair BOS.

Dr. Ganga Prasad Pandey	Dr. Paawan Sharma	Dr. Mohendra Roy
Dr. Debajoti Dhar	Mr. Mahesh Sutaria	Prof. Mehul S. Raval

Sign	Sign	Sign
Dr. Vivek Pandit	Dr. Hardik Patel	Dr. Devlina Adhikari
		<i>Devlina Adhikari</i>
Dr. Snatosh Satapathy	Dr. Nitin Singh Rajput	Dr. Rahul Kumar
Dr. Pallab Kumar Nath		

Note: Take signature of all the members present in BoS