

# Pandit Deendayal Petroleum University

School of Technology  
DEPARTMENT OF MATHEMATICS  
Minutes of BOS meeting

**DATE** - 14<sup>th</sup> November 2019 (Thursday)

**VENUE** – E –block, 1st Floor committee room, SoT, PDP

**TIME** – 3:00 pm. to 5 pm.

## **AGENDA**

1. Discussion of proposed detailed syllabus for final year B.Sc – Mathematics program.
2. Some of the courses of B.Tech. are re-designed on the basis of feedback.
3. Overall synchronization of all the papers for B.Sc – Mathematics program.
4. The Course Objectives and Course Outcomes are modified for each course based on the criteria of NBA.

## DISCUSSIONS PERTAINING TO B.TECH

1. Committee appreciated redesigned course objectives and course outcomes.
2. It was a common observation to add Fourier transform in the B.tech IInd or IIIrd semester course.
3. To fulfill this and then for better flow and synchronization of topics, unit IV of second semester interchanged with unit III of third semester.
4. Committee also recommend to add Fourier transform and Z - transform in II semester (new) curriculum.

## DISCUSSIONS PERTAINING TO B. SC

1. Fluid dynamics and statics & dynamics courses need to be interchanged from 5<sup>th</sup> and 7<sup>th</sup> semester respectively
2. Some good books for Linear Algebra is suggested as – by David C. Lay, Karl C. Meyer.
3. Redesigning of linear Algebra course with the addition of Jordan canonical form is recommended.
4. Committee suggested that Introduction to MATLAB – Theory can be replaced with Analytical Geometry.
5. Members agreed to add a course on STATISTICAL SOFTWARE as elective in 6<sup>th</sup> semester.
6. Some other good books are suggested for different papers of B. Sc

## Internal Members:

Prof. T.P. Singh - (HoD - SoT)

Dr. Poonam Mishra (Co-ordinator – BoS)

Dr. Manoj Shani (Faculty – Mathematics Department)

Dr. Shobhit Nigam (Coordinating B. Sc – Mathematics program)

## External Members:

Dr. Sudip Sengupta (External members - Industry) – IPR, Ahmedabad

Dr. N. Padmnabhan (External members - Academics) – Ahmedabad University

Dr. Sunitha (External members - Academics) – DICT, Gandhinagar

Dr. Bhaskar Dubey (External members – Industry) - SAC, ISRO, Ahmedabad