SETHU INSTITUTE OF TECHNOLOGY, PULLOOR, KARIAPATTI – 626 115
MINUTES OF 5th MEETING OF BOARD OF STUDIES IN DEPARTMENT OF MATHEMATICS
HELD ON 29.06.2017

The Fifth Meeting of the Board of Studies in Department of Mathematics was held on 29.06.2017 at Institute of Technology, Pulloor, Kariyapatti.

The following members were present:

NAME OF THE MEMBERS	POSITION	SIGNATURE
Dr. P.G.JANSIRANI	Chairman	
Dr. L. RAJENDRAN	Member	
Dr. D.LAKSHMANARAJ	Member	
Mr. K.LAKSHMI NARAYANAN	Member	
Ms. C.CHITHRA	Member	
Mr. L.MUTHUSUBRAMANIAN	Member	
Mr. J.ARUL VINAYAGAN	Member	
Mr. R.SYED IBRAHIM	Member	
Dr. S. VIJAYA	Member	
Mr. I.MUTHU SELVAM	Member	
Ms. R. REVATHY	Member	
Ms. K. KIRUTHIKA	Member	
Dr. V. SWAMINATHAN	Member - External	
Dr. S. MURALIKRISHNAN	Member - External	
Mr. G.P.PARANI KUMAR	Member - Industrial	
Mr. A. VINOTH KUMAR	Member - Alumni	
Dr. V. DHANAPALAN	University Nominee	
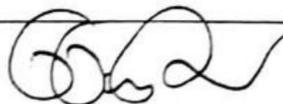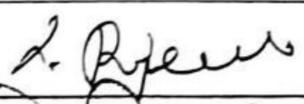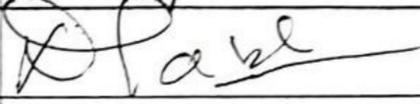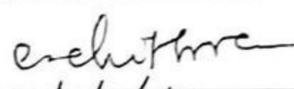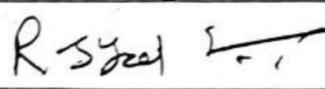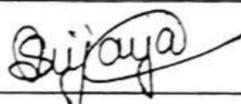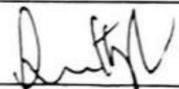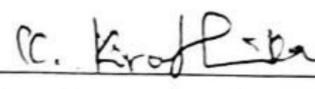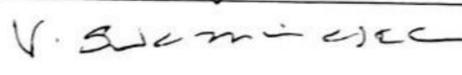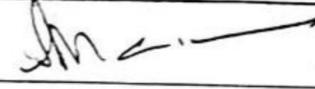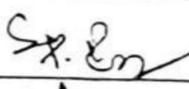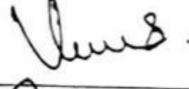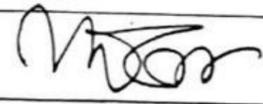
The Chairperson welcomed the members and presented the proposed Curriculum and Syllabi to be followed for 2017-18 Batch under Autonomous Regulations for Mathematics offered to various disciplines of B.E. / B. Tech and M.E. programmes.

Semester	Course Code	Name of the Subject	Programme	Core / Elective	Credit
I	15UMA102	Engineering Mathematics I	Common to all branches	Core	4
II	15UMA202	Engineering Mathematics II	Common to all branches	Core	4
III	15UMA321	Transforms and Partial Differential Equations	Common to MECH, ECE, EEE, CIVIL, CHEMICAL, AGRI and BIOMEDICAL	Core	4
	15UMA322	Probability, Statistics and Queueing Systems	CSE and IT	Core	4
IV	15UMA421	Discrete Mathematics	CSE and IT	Core	4
	15UMA422	Numerical Methods	EEE , CIVIL and CHEMICAL	Core	4
	15UMA423	Statistics and Numerical Methods	MECH	Core	4
	15UMA424	Probability and Random Processes	ECE and BIOMEDICAL	Core	4
	15UMA425	Probability, Statistics and Numerical Methods	AGRI	Core	4
VI	15UMA951	Numerical Techniques and Linear Programming	CSE	Elective	3

Semester	Course Code	Name of the Subject	Programme	Core/Elective	Credit
V I	15UMA952	Numerical Techniques and Linear Algebra	ECE	Elective	3
IV	15UGS431	Reasoning and Quantitative Aptitude	Common to All Branches (New Course)	Core	1

PG PROGRAMMES

Semester	Course Code	Name of the Subject	Programme	Core / Elective	Credit
I	15PMA121	Advanced Mathematics for Computing	M.E. CSE	Core	4
	15PMA122	Applied Mathematics for Communication Engineers	M.E. (Communication Systems)	Core	4
	15PMA124	Advanced Numerical Methods	M.E. (CAD/CAM)	Core	4
	15PMA125	Applied Mathematics for Structural Engineering	M.E. (Structural Engineering)	Core	4
	15PMA126	Applied Mathematics for Electrical Engineers	M.E. (Power Electronics and Drives)	Core	4

Table 1

The members discussed and analyzed thoroughly the revised Curriculum, revised Syllabi and related references for Mathematics offered to various disciplines of B.E. / B. Tech and M.E. programmes to be followed from 2017-18 batch under autonomous regulations and approved the autonomous syllabus as specified in the table 1.

The following minor changes are incorporated in the syllabi of Mathematics offered to various disciplines of B.E. / B. Tech and M.E. programmes to be followed for 2017-18 batch under the regulation 2015.

CHANGES IN SYLLABUS OF B.E. / B. TECH PROGRAMMES

| Sem	Course Code	Name of the Subject	Units	Changes
III	15UMA321	Transforms and Partial Differential Equations	V	The topic *'Steady state solution of two-dimensional equation of heat equation'* is changed as *'Steady state solution of two-dimensional heat equation'*
IV	15UMA425	Probability, Statistics and Numerical Methods	I	The title of the unit I *'Probability & Statistical Distributions'* is changed as *'Probability Theory & Distributions'*

CHANGES IN SYLLABUS OF M.E. PROGRAMMES

Sem	Course Code	Name of the Subject	Units	Changes
	15PMA126	Applied Mathematics for Electrical Engineers	—	The following Reference Book is included - VEERARAJAN T. "Engineering Mathematics", Tata McGraw-Hill Publishing Company Limited, New Delhi, 1st Reprint, (2003).

➤ Other Courses are retained as it is in the regulation 2015.

The Chairperson thanked the members of Board of Studies for their contribution and suggestions in aming the revised curriculum and syllabi of Mathematics offered to various disciplines of B.E. / B. Tech and .E. programmes to be followed from 2017-18 under Autonomous regulations.

Chairperson
Board of Studies
Mathematics
Sethu Institute of Techno
Kariapatti - 026 115
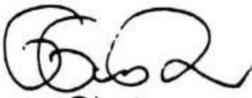
Chairperson (Dr. P. G. Jansi Rani)
Board of Studies
Department of Mathematics