

**VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)****(Accredited by NACC with A++ Grade)**

IBRAHIMBAGH, HYDERABAD – 500 031

**DEPARTMENT OF MATHEMATICS**Date : 26<sup>th</sup> May, 2025

The following are the suggestions of BoS Committee members in the BoS meeting held on 26-05-25:

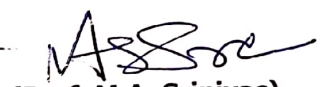
S. No	Name of the Course	Course Code	Year/Semester/Branch for which the Course is offered			Suggestions
1	MATRICES AND CALCULUS	U25BS110MA	I Yr	I-Sem	For ECE, EEE, MECH & CIVIL Branches only	<b>Unit-I:</b> Remove LU-Decomposition <b>Unit-II:</b> 1. Add Quadratic form, Reduction of Quadratic form to Canonical form 2. Add Diagonalization using orthogonal form instead of Similar form. <b>Unit-V:</b> Add Absolute Convergence
2	CALCULUS & LINEAR ALGEBRA	U25BS120MA	I Yr	I-Sem	For CSE, AIML, IT Branches only	Remove Unit-I (Differential Calculus) and add Special functions
3	TRANSFORM TECHNIQUES & PARTIAL DIFFERENTIAL EQUATIONS	U24BS310MA	II Yr	III-Sem	For CIVIL, EEE & MECH Branches only	<b>Unit-III:</b> Add Half range Fourier series
4	NUMERICAL METHODS, PROB. & STATISTICS	U24BS410MA	II Yr	IV-Sem	For CIVIL, EEE & MECH Branches only	<b>Unit-II:</b> Add modified Euler's method <b>Unit-IV:</b> Remove Chi-Square test
<b>OPEN ELECTIVE COURSES</b>						
5	ALGEBRAIC STRUCTURES (Stream Based Open Elective)	U24OE420MA	II Yr	IV-Sem	For CSE, AIML & IT Branches only	<b>Unit-I:</b> Add binary operations Keep only one prescribed textbook.
6	THEORY OF ESTIMATION AND INFERENCE THEORY (Stream Based Open Elective)	U23OE520MA	IIIYr	V-Sem	For CSE, AIML & IT Branches only	1. Change paper title to: <b>ESTIMATION THEORY AND STATISTICAL INFERENCE</b> 2. <b>Unit-I:</b> Central Limit theorem and its applications

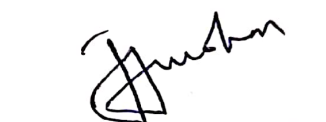
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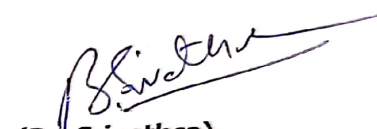


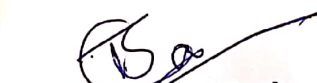
S. No	Name of the Course	Course Code	Year/Semester/Branch for which the Course is offered			Suggestions
7	ADVANCED PROBABILITY & STATISTICAL METHODS(Stream Based Open Elective)	U230E610MA	IIIIr	VI-Sem	For CSE, AIML & IT Branches only	<b>Unit-I:</b> 1. Add fitting of exponential curves $y=ab^x$ , $y=ae^{bx}$ . 2. Remove Curvilinear Regression.
8	Calculus and Matrices (Bridge Course)	UB24BS300MA	IIYr	III-Sem	All Branches	Changed Course Name Foundation to Engineering Mathematics Bridge Course
9	SKILL DEVELOPMENT COURSE-II & III	U24BS330MA & U24BS340MA	II Yr	III & IV Sem	All Branches	Add problems on Races

  
(Prof. N. Kishan)  
OU Nominee

  
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Subject Expert (JNTUH)

  
(Prof. Jagan Mohan)  
Subject Expert (BITSH)

  
(Dr. Srivathsa)  
(Industry Expert-DRDL)

  
(Dr. T. Sudhakar Rao)  
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