

# GUJARAT TECHNOLOGICAL UNIVERSITY

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## ALVCOM-Video Lecture Telecasting Series- Schedule-4<sup>th</sup>-5<sup>th</sup> May 2013

Sr No	Name of the Faculty	College Name	Email Id	Name of Subject	Name of Chapter	Topics ad Sub-Topics	Date	Day	Time Slot
1	Dr. Rajul K. Gajjar	Government Engineering College, Gandhinagar	rkgajjar@yahoo.com	Mechanics of Solids	Friction	Theory of friction, Types of friction, Static and kinetic friction.	4/5/2013	Saturday	11:00am to 12:00
2	Ankit Acharya	Hasmukh Goswami College of Engineering, Vahelal	ankitacharya1984@gmail.com	Vector Calculus and Linear Algebra	Linear Transformations	Kernel and Range, Inverse Linear Transformations and Matrices of General Linear Transformations.	4/5/2013	Saturday	12:00 to 1:00 pm
3	Prinika Raina	Shree N M Gopani Polytechnic Institute, Ranpur	kpriyankaraina@gmail.com	Mathematics-II	Differentiation:	2.5 Chain rule. 2.6 Derivation of parametric and Implicit functions.	4/5/2013	Saturday	1:00 pm to 2:00 pm
4	Kalpesh Jaswani	Shree N M Gopani Polytechnic Institute, Ranpur	kalpeshjaswani@gmail.com	Mechanical Drafting	Sectional Orthographics	2.1 Need of sections. 2.2 Section lines and cutting plane.	4/5/2013	Saturday	2:00 pm to 3:00 pm
5	Foram M Joshi	G H Patel College of Engineering and Technology, Vallabh Vidyanagar	foram29@gmail.com	Physics	Band theory of Solids	LED Solar cells, photovoltaic cell, Photo Conductivity, Hall effects.	5/5/2013	Sunday	11:00am to 12:00

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6	Ashok Kumar Patel	Hasmukh Goswami College Of Engineering, Vahelal	acck007@gmail.com	Vector Calculus and Linear Algebra	Matrices and Linear Equations	Rank of Matrix (iii) By Row Echelon form (iv) In terms of Determinant (v) By row space and column space	5/5/2013	Sunday	12:00 to 1:00 pm
7	Sweta Shah	Ahmedabad Institute Of Technology, Ahmedabad	shah.sweta21@gmail.com	Elements of Electrical Engineering	Single Phase A.C. Circuits	Vector Representation Of Alternating Quantities , Addition And Subtraction Of Vectors, Complex Algebra	5/5/2013	Sunday	1:00 pm to 2:00 pm
8	Sweta Shah	Ahmedabad Institute Of Technology, Ahmedabad	shah.sweta21@gmail.com	Elements of Electrical Engineering	Single Phase A.C. Circuits	Phasor Relations Between Voltage And Current In Each Of Resistance	5/5/2013	Sunday	2:00 pm to 3:00 pm