

# GUJARAT TECHNOLOGICAL UNIVERSITY

## ALVCOM-Video Lecture Telecasting Series- Schedule-18<sup>th</sup>-19<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	Khushbu Shah	Shree N M Gopani Polytechnic Institute, Ranpur	Shahjnl@gmail.com	Engineering Mechanics	Simple Machines	Compare reversible & irreversible Machines, evaluate the efficiencies of various simple machines	18/5/2013	Saturday	11:00am to 12:00
2	Khushbu Shah	Shree N M Gopani Polytechnic Institute, Ranpur	Shahjnl@gmail.com	Engineering Mechanics	Simple Machines	Compare reversible & irreversible Machines, evaluate the efficiencies of various simple machines	18/5/2013	Saturday	12:00 to 1:00 pm
3	Prinika Raina	Shree N M Gopani Polytechnic Institute, Ranpur	kpriyankaraina@gmail.com	Mathematics -II	Differentiation:	2.6 Derivation of parametric and Implicit functions. 2.7 Second order differentiation.	18/5/2013	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	2.3 Rules for sectioning and section lines. 2.4 Types of sections- full, half, revolved, removed, partial, off-set, aligned.	18/5/2013	Saturday	2:00 pm to 3:00 pm
5	Chirag A. Thakkar	Shri Satsangi Saketdham "Ram Ashram" Group of Institutions, Vadasma	chiragmsctech@gmail.com	Mathematics -II	Circle	3.1 Definition of a circle 3.2 General equation	19/5/2013	Sunday	11:00am to 12:00

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6	Piyush Patel	Silver Oak College of Engineering & Technology, Ahmedabad	piyushpatel002@mail.com	Vector Calculus & Linear Algebra	Eigen values and Eigen vectors	a. Definition b. Characteristic Polynomials	19/5/2013	Sunday	12:00 to 1:00 pm
7	Tushar Bhatt	Venus International College of Technology, Ahmedabad	bhatt.tushar563@gmail.com	Physics	New Engineering Materials	Properties and its application – shape memory alloys – types – shape Memory effect – Pseudo Gujarat Technological University B.E Sem I 6 elasticity –properties – application – Bio-materials – General information – Biomedical compatibly of Ti-Al-Nb alloys for implant application.	19/5/2013	Sunday	1:00 pm to 2:00 pm
8	Piyush Patel	Silver Oak College of Engineering & Technology, Ahmedabad	piyushpatel002@mail.com	Vector Calculus & Linear Algebra	Eigen values and Eigen vectors	a. Definition b. Characteristic Polynomials	19/5/2013	Sunday	2:00 pm to 3:00 pm