

Schedule for Teqip workshop on 'Aid of demo experiments in teaching solid mechanics'							
	8:30 to 10:00 AM	10:00 to 11:30 AM	PM	1:00 to 1:30 PM	1:30 to 3:00 PM	3:00 to 4:30 PM	4:30 to 6:00 PM
	S1	S2	S3	Lunch	S4	S5	S6
Oct 26	Introduction to Solid Mechanics	Introduction to Experimental Solid Mechanics	Matlab Basics	Lunch	Introduction to FEM	Composite & Photoelastic specimen fabrication	
Oct 27	1D FEM	2D FEM	ABAQUS 1D FEM	Lunch	ABAQUS 2D FEM	Photoelasticity & DIC experiment	
Oct 28	Introduction to Composite	Abaqus tutorial 2D composite mechanics	Elasto dynamics and Stress waves	Lunch	Impact Mechanics	Material characterisation	
Oct 29	Introduction to Fracture Mechanics	Computational Fracture Mechanics	Introduction to NDT	Lunch	3D FEM using Commercial tools - Modeling & Analysis	Fracture testing	NDT Demo
Oct 30	Fatigue	Fatigue Crack Growth Simulation	Introduction to stability	Lunch	Buckling of composite panels	High Strain rate Characterization	
	Faculty	Classes					
	Prof Ramji	8		Most of the Lab session are in the afternoon and they are for 2 sessions			
	Dr Ganga	7					
	Dr Syed	8					
	Dr Viswanath	7					