Ansys & CADFEM Simulation Training Program" scheduled to start from **January 9, 2021.**

Day-1	Ansys Electromagnetics	Basic AEDT, HFSS Introduction, Boundary conditions, Post processing.	Saturday, Jan 9, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=m79657a039afad03691386443bb14f443 Meeting number: 176 859 8770 Password: A382JgCs2Mn
		Dynamic linking.	
		Hybrid FEM analysis.	
		Array analysis.	
		Workshop	
Day-2	Ansys Software & Systems	Medini Analyze	Saturday, Jan 16, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=maa0fab741bdb2f980ba734c0ea074311 Meeting number: 176 501 6626 Password: Cc2acfd36Vf
		Model Based Functional Safety Analysis	
		Identifying and preparation for Cyber Security Threats.	
		Demonstration of Integrated Approach for Functional Safety Analysis.	
		Demonstration	
		SCADE	
		Safety Critical Embedded Systems and Software Development	
		Model Based Prototyping and Interactive HMI Development	
		Test Environment for Host and Model Coverage	
Day-3	Ansys Lumerical	Introduction to FDTD simulations.	Saturday, Jan 23, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=m394e3a7017fc70d52ecbb2dd13f45cf1 Meeting number: 176 946 8822 Password: u2PJZ7F7C35
		Multiphysics analysis of photonic components	
		Ansys simulations in Bio-photonics	
Day-4	Ansys Lumerical	Demonstration on FDTD, CHARGE and HEAT.	Saturday, Jan 30, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=m03ba15c1c6bb71d99181ce9d071316ce Meeting number: 176 668 8471 Password: r4MFcxTpG97
Day-5	Ansys Materials	Introduction to Granta EduPack	Saturday, Feb 6, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=mbae04003b063a63dcc1debe749a532dc Meeting number: 176 427 3464 Password: qBxT3PiRP25
		Material Data overview	
		Demonstration	
Day-6	Rocky DEM	Introduction to Discrete Element Method	Saturday, Feb 13, 2021 11:00 am | 2 hours Meeting Link: https://cadfemengineering.webex.com/cadfemengineering/j.php?MTID=mb1fffa4986ed422e01e8266693fbf107 Meeting number: 176 117 1431 Password: bpTAXJw3p26
		Theory of DEM	
		Contact detection	
		Particle shape	
		Force modeling	
		Contact force	
		Body force	
		Common application of DEM in:	
		Mining	
		Pharmaceutical	

		Agriculture	
		Oil and Gas	
Day-7	Ansys Structures	Mechanical GUI overview.	Saturday, Feb 20, 2021 11:00 am | 2 hours Meeting Link: Click Here Meeting number: 176 015 5540 Password: CYdv4UTQp77
		Material assignment and creation	
		Introduction to contacts & Contact creation	
		Static Structural loads and supports	
		Workshop	
Day-8	Ansys Fluids	Introduction to Computational Fluid Dynamics (CFD)	Saturday, Feb 27, 2021 11:00 am | 2 hours Meeting Link: Click Here Meeting number: 176 615 2727 Password: dxUsyRgS583
		Boundary and Volumetric flow conditions	
		Turbulence and best practices for near wall modeling	
		Conjugate Heat Transfer (CHT)	
		Workshop	
Day-9	Ansys Electromagnetics	Basic Geometry creation using Maxwell, Rmxprt/UDP and CAD Import.	Saturday, Mar 6, 2021 11:00 am | 2 hours Meeting Link: Click Here Meeting number: 176 803 9895 Password: QCiQ2sRHp33
		Boundaries, Excitation setups and Motion setup.	
		Mesh controlling techniques.	
		Transient Solution setup.	
		Post processing includes Field plots, Graphical plots and report generation etc.	
		Workshop	