

Project presentation schedule

Title	Course	Instructor	Year	Semester:
Nanotechnolo	EEE-5425-U01	Vlasov	2014	Fall

Today: October 6, 2014
 Classes: 28
 Weeks: 14

Week No.	Date		Topic	Presenter	Comment
11	November 3, 2014	1	Social and economical aspects of nanotechnology (public perception, ethical issues, health concerns, regulations, implications, perspectives, economical effect, etc.)	Marin,Fabiola Isabel	
		2	Application of carbon nanostructures in nano science and nanotechnology -- Fullerene, CNT, Graphene	Jalal,Ahmed Hasnain	
		3	Nanodevices in electronics (spintronics).	Behara,Padmaraju	
12	November 10, 2014	4	Nanodevices in electronics (nanotransistor, single electron transistor, etc.).	Ahmadivand,Arash	
		5	Quantum computing	Vepachedu,Harish Aditya Karthik	
		6	Quantum wires and dots	Yelamareddy,Rahul	
13	November 17, 2014	7	Biomedical nanotechnology and nanomedicine (nanostructured materials, nanoporous membranes, targeted drug delivery, nanobiomechanics)	Lopez,Michael	
		8	Nanomachines and nanodevices (MEMS, NEMS, fabrication, micro- and nano-machining)	Kambham,Monica	
		9	Molecular engineering	Nayak,Gayatri Pandurang	
14	November 24, 2014	10	Focused ion beam (FIB)	Punem,Ram Charan Dora	Paper turn-in
		11	Electron microscopy (scanning, transmission, reflection, etc.)	Roychoudhury,Sohini	
		12	Scanning tunneling microscopy (STM) and atom force microscopy (AFM)	Vattapparamban,Edwin George	
15	December 1, 2014				Paper review turn-in