Slots of All courses [Autumn 2016-17]

		SLO1	Γ # 1/4			SLOT # 2/	5		SLOT # 3/6			
BTech I	HM106	Approaches to Indian Society	Core	VP	EL103	Basic Electronic Circuits	Core	BM	IT105	Introduction to Programming	Core	SS
BTech II	HM216	Science, Technology, Society	Core	MM	SC217	Electromagnetic Theory	Core	GD	IT205	Data Structures	Core	AMM
BTech III	IT301	Introduction to Algorithms	Group Elective (for ICT and honours CS)	РВ	CT321	Digital Signal Processing	Group Elective	YV	CT351	Radio Frequency Engineering	Group Elective	SG
	EL322	Introduction to VLSI	Group Elective	RP	CS301	High Performance Computing	Core (for ICT honours CS)	ВС	SC374	Computational and Numerical Methods	Core (for ICT honours CS)	NKS
BTech IV	SC372	Dynamics of Animation	Science Elective	NPatel*	SC322	Introduction to Graph Theory	Science Elective	RM	SC463	Quantum Computation(for ICT and honours CS)	Science Elective(Open to MTech. PhD)	JM
	IT454	Introduction to Complex Network	Technical Elective(for ICT and honours CS)	MT	IT424	Logic for Computer Science	Technical Elective	MKR	IT326	Introduction to Artificial Intelligence	Technical Elective	SDG
	EL519	Low Power VLSI (CPT > 7.4)	Technical Elective	ВМ	IT572	Digital Video Processing & Communication (CPT > 7.4)	Technical Elective	MN	CT472	Optical Communication	Technical Elective (Open to MTech)	AKR
	ES411	Control Systems	Technical Elective	RLD	EL4xx	New Course	Technical Elective (Open to MTech)	ARB	HM331	Elements of Business Management	Open Elective	NRaval*
	HM484	Modern European Philosophy: Descartes to Nietzsche	Open Elective	вк	CT476	Microwave Engineering	Technical Elective	DKG				
MTech I	CT501	System and Signal Theory	Stream Core SP	AT	EL511	Introduction to VLSI	Stream Core VLSI	DNC	IT501 / SC502	Algorithms / Probability	Core	MLD / GG
					SC541	Foundations of Algorithmics	Stream Core Algo	VS				
MTech II	IT701	Topics in Deep Learning	PhD level course (open to M.Tech)	MVJ	IT572	Digital Video Processing & Communication	Elective MI & SP, open to B.Tech.	MN	SC5xx	Probabilistic methods	Elective Algorithmics	SD
	EL519	Low Power VLSI	Stream Core VLSI (Open to BTech)	ВМ	EL4xx	New Course	Elective-VLSI	ARB	CT472	Optical Communication	Elective CSP	AKR
					IT4xx	New Course	Elective-CNS	PKS				•
MScIT I	IT602	Object Oriented Prog. and Data	Core	ST	PC613	Communication Skills	Core	AM				
MScIT II	IT688	Management Information Systems	Elective	D Sisodia*	IT632	Software Engineering	Core	ST	IT634	Information Systems Security	Elective	ASB
MScARD I	HM653	Rural Finance	Core	AP	IT657	Technical Communication Skills	with PC613	AM		•	•	
MScARD II	IT688	Management Information Systems	Core (open to MSc-IT)	Ramnaresh (PhD)			•		IT681	ICT for Climate Change	Elective	RG
MDes I	PC720	Writing and Presentation Skills		MM					PC721	Approaches to Culture and Communication		ANS
MDes II	PC741	Animation		BD	PC740	Research Proposal Seminar: Rationale,		MM				
					1 0740	Process, Outcome		IVIIVI	PC743	Thematic Seminar		TBD
		SLO	T # 7		1 6746			IMIM	PC743	•	# 9	TBD
BTech I	SC105	SLO Calculus and Complex Variables	T # 7 Core	MKG	10740	Process, Outcome SLOT # 8		IVIVI	PC743 PC105	Thematic Seminar SLOT Communication Skills	#9	TBD
BTech I	SC105 CT203				10740			WW		SLOT	# 9	
		Calculus and Complex Variables	Core	MKG	IT304		Core	PKS	PC105	SLOT Communication Skills		SRG
BTech II	CT203	Calculus and Complex Variables Signals and Systems	Core	MKG HP		SLOT#8			PC105 SC116	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for	Core Core Science Elective (Open to	SRG JM
BTech III	CT203 EL203	Calculus and Complex Variables Signals and Systems Embedded Hardware Design	Core Core	MKG HP ARB	IT304	SLOT # 8 Computer Networks	Core	PKS	PC105 SC116 IT214	SLOT Communication Skills Algebraic Structures Database Management Systems	Core Core Science Elective (Open to MTech) Technical Elective (Open to	SRG JM PMJ
BTech II	CT203 EL203 CS306	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization	Core Core Group Elective (CS students only)	MKG HP ARB	IT304 CS401	SLOT # 8 Computer Networks Computational Finance (CS students only)	Core Technical Elective	PKS J Verma	PC105 SC116 IT214 SC464	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for lcT and honours CS)	Core Science Elective (Open to MTech)	SRG JM PMJ NKS
BTech III	CT203 EL203 CS306 CT450	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation	Core Core Group Elective (CS students only) Technical Elective	MKG HP ARB MN DKG	IT304 CS401 IT633	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing	Core Technical Elective Technical Elective	PKS J Verma PMJ	PC105 SC116 IT214 SC464 IT322	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, PhD) Technical Elective (open to Technical Elective (open to Technical Elective)	SRG JM PMJ NKS MLD
BTech III	CT203 EL203 CS306 CT450 IT414	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management	Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT)	MKG HP ARB MN DKG AB	TT304 CS401 IT633 CT540	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and	Core Technical Elective Technical Elective Technical Elective (CPI>7.4)	PKS J Verma PMJ HP	PC105 SC116 IT214 SC464 IT322 IT453	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, Drlh) Technical Elective (Open to MTech, Drlh) Technical Elective (Open to MTech, Drlh)	SRG JM PMJ NKS MLD AMM
BTech III BTech III	CT203 EL203 CS306 CT450 IT414 HM377	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History	Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective	MKG HP ARB MN DKG AB AM	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud	Core Technical Elective Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS	PKS J Verma PMJ HP SRG SS SDG	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, Pb) Technical Elective (Open to MTech, Pb) Technical Elective (Open to MTech, Pb) Open Elective Stream Core MI Elective-CNS	SRG JM PMJ NKS MLD AMM ANS SKM MLD
BTech II BTech IV MTech I MTech II	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP	MKG HP ARB MN DKG AB AM GD	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication	Core Technical Elective Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to Rates) Phil)	PKS J Verma PMJ HP SRG SS SDG HP	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for IcT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, Ph) Technical Elective (open to MTech, Ph) Open Elective Stream Core MI	SRG JM PMJ NKS MLD AMM ANS SKM
BTech II BTech IV MTech I MTech II MScIT I	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP Core	MKG HP ARB MN DKG AB AM GD LP	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx CT540 SC612	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication Discrete Mathematics	Core Technical Elective Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to RTech Ph)) Core	PKS J Verma PMJ HP SRG SS SDG HP MKR	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols System and Network Security	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, Plo) Technical Elective (Open to MTech, Plo) Technical Elective (open to MTech, Plo) Open Elective Stream Core MI Elective-CNS Elective-CNS	SRG JM PMJ NKS MLD AMM ANS SKM MLD
BTech II BTech IV MTech I MTech II	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP	MKG HP ARB MN DKG AB AM GD	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx	Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication	Core Technical Elective Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to Rates) Phil)	PKS J Verma PMJ HP SRG SS SDG HP	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols System and Network Security Principles of Management	Core Core Science Elective (Open to MTech) Technical Elective (Open to MTech, Plo) Technical Elective (Open to MTech, Plo) Technical Elective (open to MTech, Plo) Open Elective Stream Core MI Elective-CNS Elective-CNS Copen Elective	SRG JM PMJ NKS MLD AMM ANS SKM MLD AMM
BTech II BTech III BTech IV MTech I MTech II MScIT I MScIT II	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537 IT613 IT414	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication Computer Organization Software Project Management	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP Core Technical Elective	MKG HP ARB MN DKG AB AM GD LP RP AB	TT304 CS401 TT633 CT540 HM379 IT531 IT5xx CT540 SC612 IT633	Computer Networks Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Knowledge Discovery on the Cloud Speech Communication Discrete Mathematics Data Mining and Warehousing	Core Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to RTech PhD) Core Elective (Open to BTech)	PKS J Verma PMJ HP SRG SS SDG HP MKR PMJ	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453 HM601 PC666	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols System and Network Security Principles of Management Quantitative Analysis I	Core Core Science Elective (Open to MTech) MTech) Technical Elective (Open to MTech, Del) MTech, Del) MTech Del	SRG JM PMJ NKS MLD AMM ANS SKM MLD AMM SKM MLD AMM
BTech II BTech III BTech IV MTech I MTech II MScIT I MScARD I	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537 IT613 IT414 HM654	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication Computer Organization Software Project Management Development Theory and Practices	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP Core Technical Elective Core	MKG HP ARB MN DKG AB AM GD LP RP AB	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx CT540 SC612 IT633	Computer Networks Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication Discrete Mathematics Data Mining and Warehousing Computer Basics	Core Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to RTech PhD) Core Elective (Open to BTech)	PKS J Verma PMJ HP SRG SS SDG HP MKR PMJ	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453 HM601 PC666 PC666	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols System and Network Security Principles of Management Quantitative Analysis I Quantitative Analysis I	Core Core Science Elective (Open to MTech) MTech) Technical Elective (Open to MTech, Pol) Medinical Elective (Open to MTech, Pol) Open Elective Stream Core MI Elective-CNS Elective-CNS Elective-CNS Elective Elective Core (Open to MSc-IT)	SRG JM PMJ NKS MLD AMM ANS SKM MLD AMM SL Baneriee' TBD
BTech II BTech III BTech IV MTech I MTech II MScIT I MScIT II	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537 IT613 IT414 HM654 HM654 HM672	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication Computer Organization Software Project Management	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP Core Technical Elective	MKG HP ARB MN DKG AB AM GD LP RP AB AB VP, AP, MM D Sisodia*	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx CT540 SC612 IT633	Computer Networks Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication Discrete Mathematics Data Mining and Warehousing Computer Basics Modeling and Simulation of Bio-Economic Systems	Core Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to RTech PhD) Core Elective (Open to BTech)	PKS J Verma PMJ HP SRG SS SDG HP MKR PMJ Srishail RG	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453 HM601 PC666	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Fundamentals of Machine Intelligence Security Protocols System and Network Security Principles of Management Quantitative Analysis I	Core Core Science Elective (Open to MTech) MTech) Technical Elective (Open to MTech, Del) MTech, Del) MTech Del	SRG JM PMJ NKS MLD AMM ANS SKM MLD AMM SKM MLD AMM
BTech II BTech III BTech IV MTech I MTech II MScIT I MScARD I	CT203 EL203 CS306 CT450 IT414 HM377 SC501 CT537 IT613 IT414 HM654	Calculus and Complex Variables Signals and Systems Embedded Hardware Design Data Analysis and Visualization Radio Wave Propagation Software Project Management The English Novel: Form and History Essential Mathematics Advanced Wireless Communication Computer Organization Software Project Management Development Theory and Practices Production and Operations	Core Core Core Group Elective (CS students only) Technical Elective Technical Elective(open to MSc-IT) Open Elective Core Stream Core CSP Core Technical Elective Core	MKG HP ARB MN DKG AB AM GD LP RP AB	IT304 CS401 IT633 CT540 HM379 IT531 IT5xx CT540 SC612 IT633	Computer Networks Computer Networks Computational Finance (CS students only) Data Mining and Warehousing Speech Communication Introduction to Drama: Theory and Praxis Advanced Computer Networks Knowledge Discovery on the Cloud Speech Communication Discrete Mathematics Data Mining and Warehousing Computer Basics Modeling and Simulation of Bio-	Core Technical Elective Technical Elective (CPI>7.4) Open Elective Stream Core CNS Elective-CNS Stream Core-CSP (Open to RTech PhD) Core Elective (Open to BTech)	PKS J Verma PMJ HP SRG SS SDG HP MKR PMJ	PC105 SC116 IT214 SC464 IT322 IT453 HM341 IT510 IT322 IT453 HM601 PC666 PC666	SLOT Communication Skills Algebraic Structures Database Management Systems Computational Optimization(for ICT and honours CS) Security Protocols System and Network Security Approaches to Science Fiction Frundamentals of Machine Intelligence Security Protocols System and Network Security Principles of Management Quantitative Analysis I Quantitative Analysis I ICT Infra. Implementation and	Core Core Science Elective (Open to MTech) MTech) Technical Elective (Open to MTech, Pol) Medinical Elective (Open to MTech, Pol) Open Elective Stream Core MI Elective-CNS Elective-CNS Elective-CNS Elective Elective Core (Open to MSc-IT)	SRG JM PMJ NKS MLD AMM ANS SKM MLD AMM SL Baneriee' TBD

	SLOT # 10							
BTech I								
BTech II	IT209	Computer Organization	Core	NDJ				
BTech III								
	IT477	Introduction to GPU Programming	Technical Elective	BC				
BTech IV	CT474	Sattelite Communication	Technical Elective	YV				
2.00	IT476	Human Computer Interaction	Technical Elective	PM				
	HM663	System, Policies and Implications	Open Elective	AP				
MTech I	CT5xx	Stochastic Process for Applications	Stream Core Comm	LP				
	SC5xx	Parallel, Distributed and Dynamic Algorithms	Stream core Algorithmics	VS				
	IT524	Computer Vision	Stream Core MI	MVJ				
MScIT I	IT615	Data Base Management System	Core	МВ				
MScIT II	IT476	Human Computer Interaction	Elective	PM				
MScARD I	IT667	Database Management Systems	Core (with IT615)	МВ				
MSCARD II	HM663	System, Policies and Implications	Elective (Open to BTech)	AP				
MDes I	PC722	Fundamentals of Design - I		BD				
MDes II	PC745	Research Application: Constructing Narratives		VP				

TBA: To be assigned.

SLOT FREE Course

PC108 Introduction to ICT and Computational Science (Core, 1st sem) -- AMM

HM001 North Indian Clasical Music 1 (Elective) -- K Dasgupta*

NOTE: Slots for First semester courses may get changed if the revised curriculum comes into effect from Autumn 2016-17.