

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	A	B	C	D	Lunch	P	Q	W	X
	FN1					AN1			
Tuesday	D	E	F	G		R	S	Y	Z
	FN2					AN2			
Wednesday	B	C	A	G		F	Challenge Lecture		
	FN3								
Thursday	C	A	B	E		Q	P	W	X
	FN4					AN4			
Friday	E	F	D	G		S	R	Y	Z
	FN5					AN5			

AM	Dr. Anand Mohan
BI	Dr. Balaji Iyer
CSS	Dr. Chandra Shekar Sharma
DS	Dr. Debaprasad Shee
DSK	Dr. Devarai Santhosh Kumar
KCS	Dr. Kirti Chandra Sahu
KM	Dr. Kishalay Mitra
LG	Dr. Lopamudra Giri
NM	Dr. Narasimha Mangadoddy
PDP	Dr. Parag D. Pawar
PJ	Dr. Phanindra Jampana
PM	Dr. Praveen Meduri
SKM	Dr. Sunil K. Maity
SM	Dr. Saptarshi Majumdar
SS	Dr. Satyavrata Samavedi
VJ	Dr. Vinod Janardhanan
SD	Dr. Suhanya Duraiswamy

SEMESTER I

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	A	CH1030	MA1110/ MA1220	CH1050		P	Q	W	X
	FN1					AN1			
Tuesday	CH1050	E	EP1017	CH1010	Lunch	R	S	ID1035	Z
	FN2					EP1031			
Wednesday	CH1030	MA1110/ MA1220	A	CH1010		EP1017	Challenge Lecture		
	FN3								
Thursday	MA1110/ MA1220	A	CH1030	E		Q	P	W	X
	FN4					ID1171			
Friday	E	EP1017	CH1050	CH1010		S	R	ID1035	Z
	FN5					ID1054			

Faculty Advisor : Dr. Vinod Janardhanan

Course No	Title	Credits	Instructors	Room	Slot	Segment
ID1035	Independent Project	1		Auditorium	Y	16
ID1054	Digital Fabrication	2		DigiLab	AN5	16
ID1171	Fabrication Lab – I	2		Workshop	AN4	16
MA1110	Calculus-I	1		Auditorium	C	12
MA1220	Calculus-II	2		Auditorium	C	36
EP1017	Classical Physics	1		Auditorium	F	12
EP1031	Physics Lab	2		PhyLab	AN2	36
CH1010	Material & Energy Balance	2	PDP	A-119	G	14
CH1030	Fluid Mechanics	2	KCS	A-119	B	14
CH1050	Introduction to Mass Transfer	1	DS	A-119	D	56

13 credits of free electives (can be taken in any semester)

SEMESTER III

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	ID1303	MA2120	CH2030	D	Lunch	P	Q	W	X
	FN1					CH2011			
Tuesday	D	ID1041	CH2010	CH6350/ CH6460		CH6160/ CH6330	CY1017/ CY1030	Y	Z
	FN2					AN2			
Wednesday	MA2120	CH2030	ID1303	CH6350/ CH6460		CH2010	Challenge Lecture	ID1303	
	FN3								
Thursday	CH2030	ID1303	MA2120	ID1041		Q	P	W	X
	FN4					CY1031			
Friday	ID1041	CH2010	D	CH6350/ CH6460		CY1017/ CY1030	CH6160/ CH6330	Y	Z
	FN5					AN5			

Faculty Advisor : Dr. Praveen Meduri						
Course No	Title	Credits	Instructors	Room	Slot	Segment
CY1017	Environmental Chemistry-I	1		Auditorium	S	12
CY1030	Environmental Chemistry-II	2			S	36
CY1031	Chemistry Lab	2		A-312	AN4	16
ID1041	Engineering Drawing	2		C-LH1	E	16
ID1303	Introduction to Programming	2		Auditorium	A + (Wed 17:30 to 20:30)	16
MA2120	Transforms	1		Auditorium	B	34
CH2010	Mechanical Operations	2	NM	A-119	F	14
CH2030	Numerical Methods-I	2	KM		C	14
CH2011	Applied Chemistry Lab	1	DSK	ACLAB	AN1	16
Core Elective Basket: Biological Processes - Select any 3 credits						
CH6460	Bio-process Technology	2	DSK	A-118	G	36
CH6330	Systems Biology	1	LG	A-118	R	56
CH6160	Introduction to Biological Engineering	1	DSK	A-119	R	12
CH6350	Bio Mechanics	1	AM	A-118	G	12

13 credits of free electives (can be taken in any semester)

SEMESTER V

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	CH3010/ CH3090	CH6270/ CH3030	C	CH3070/ CH6170	Lunch	P	CH6250/ CH3050	W	X
	FN1					AN1			
Tuesday	CH3070/ CH6170	CH6710	CH6730	G		R	S	Y	Z
	FN2					CH3011			
Wednesday	CH6270/ CH3030	C	CH3010/ CH3090	G		CH6730	Challenge Lecture		
	FN3								
Thursday	C	CH3010/ CH3090	CH6270/ CH3030	CH6710		CH6250/ CH3050	P	W	X
	FN4					AN4			
Friday	CH6710	CH6730	CH3070/ CH6170	G		S	R	Y	Z
	FN5					CH3031			

Faculty Advisor : Dr. Saptarshi Majumdar						
Course No	Title	Credits	Instructors	Room	Slot	Segment
LA/CA	LA/CA	2			G	
Minor	Minor (optional)				C	
Minor	Minor (optional)				P	
Honors*	Honors*					
CH4015	Mini Project (Substitute of one 3 credit elective)	3				
CH3010	Separation Processes II	2	LG	A-118	A	14
CH3030	Transport Phenomena-I	2	PDP	A-118	B	36
CH3050	Control Design and Analysis	2	VJ	A-119	Q	36
CH3070	Chemical Engineering Thermodynamics-I	2	AM	A-118	D	14
CH3090	Chemical Engineering Thermodynamics-II	1	AM	A-118	A	56
CH3011	Heat Transfer Lab	1	SS	HTLAB	AN2	16
CH3031	Mass Transfer Lab	1	KCS	MTLAB	AN5	16
Core Elective Basket: Materials - Select any 3 credits						
CH6710	Concepts in Soft Matter Systems	2	BI	A-118	E	36
CH6730	Nature Inspired Materials Engineering	2	CSS	A-118	F	36

CH6250	Engineering Materials	1	CSS	A-119	Q	56
CH6170	Interfacial Chemistry	1	CSS	A-118	D	56
CH6270	Introduction to Nanotechnology	1	PM	A-118	B	12
13 credits of free electives (can be taken in any semester)						
Honors program – Need to complete 6 credits of core electives in 5 th and 6 th semesters followed by 6 credits of project work in 7 th and 8 th semesters (3 credits each semester).						

SEMESTER VII

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	A	B	C	D	Lunch	P	Q	W	X
	FN1					AN1			
Tuesday	D	CH4012	F	G		R	S	Y	Z
	FN2					CH4011			
Wednesday	B	C	A	G		F	Challenge Lecture		
	FN3								
Thursday	C	A	B	CH4012		Q	P	W	X
	FN4					AN4			
Friday	CH4012	F	D	G		S	R	Y	Z
	FN5					AN5			

Faculty Advisor : Dr. Balaji Iyer						
Course No	Title	Credits	Instructors	Room	Slot	Segment
LA/CA	LA/CA	2			G	
Minor	Minor (optional)				C	
Minor	Minor (optional)				P	
Honors*	Honors*					
CH4015	Mini Project					
CH4012	Plant Design – II	1	SD	A-119	E	12
CH4011	Process Simulation Lab	2	BI	PSLAB	AN2	16
13 credits of free electives (can be taken in any semester)						
11 credits of core electives (can be taken in 7 th and 8 th semester)						
Honors program – Need to complete 6 credits of core electives in 5 th and 6 th semesters followed by 6 credits of project work in 7 th and 8 th semesters (3 credits each semester).						

MTech and PhD (Semester I)

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	CH3090	CH3030	CH5010	CH3070	Lunch	P	Q	W	X
	FN1					AN1			
Tuesday	CH3070	E	F	G		R	S	Y	Z
	FN2					AN2			
Wednesday	CH3030	CH5010	CH3090	G		F	Challenge Lecture		
	FN3								
Thursday	CH5010	CH3090	CH3030	E		Q	P	W	X
	FN4					AN4			
Friday	E	F	CH3070	G		S	R	Y	Z
	FN5					CH5091			

Faculty Advisor: Dr. Anand Mohan (MTech) Dr. Balaji Iyer (PhD)						
Course No	Title	Credits	Instructors	Room	Slot	Segment
Electives	Electives	5				
CH5010	Numerical Methods-I	2	KM		C	14
CH5070	Transport Phenomena-I	2	PDP	A-118	B	36
CH5030	Chemical Engineering Thermodynamics-I	2	AM	A-118	D	14
CH5040	Chemical Engineering Thermodynamics-II	1	AM	A-118	A	56
CH5091	Simulation Lab-I	2	SM	PSLA B	AN5	16

MTech (Semester III)

Faculty Advisor : Dr. Sunil Kumar Maity						
Course No	Title	Credits	Instructors	Room	Slot	Segment
CH5025	Thesis (Stage 2)	9	All			

All Course MTech

	9:00-9:55	10:00-10:55	11:00-11:55	12:00-12:55	13:00-14:30	14:30-15:55	16:00-17:25	17:30-18:55	19:00-20:30
Monday	CH3090	CH6270/ CH3030	CH5010/ CH5140	CH3070/ CH6170	Lunch	CH6560	CH6250/ CH6630	W	X
	FN1					AN1			
Tuesday	CH3070/ CH6170	CH6710	CH6730	CH6460		R	S	Y	Z
	FN2					AN2			
Wednesday	CH6270/ CH3030	CH5010/ CH5140	CH3090	CH6460		CH6730	Challenge Lecture		
	FN3								
Thursday	CH5010/ CH5140	CH3090	CH6270/ CH3030	CH6710		CH6250/ CH6630	CH6560	W	X
	FN4					AN4			
Friday	CH6710	CH6730	CH3070/ CH6170	CH6460		S	R	Y	Z
	FN5					CH5091			

Faculty Advisor : Dr. Sunil Kumar Maity

Course No	Title	Credits	Instructors	Room	Slot	Segment
CH5010	Numerical Methods-I	2	KM		C	14
CH5070	Transport Phenomena-I	2	PDP	A-118	B	36
CH5030	Chemical Engineering Thermodynamics-I	2	AM	A-118	D	14
CH5040	Chemical Engineering Thermodynamics-II	1	AM	A-118	A	56
CH5091	Simulation Lab-I	2	SM	PSLA B	AN5	16
CH5140	Pinch Analysis	1	PM	A-119	C	56
CH5090	Bio-process Technology	1	DSK	A-118	G	34
Basket 1: Select 2 credits						
CH6710	Concepts in Soft Matter Systems	2	BI	A-118	E	36
CH6730	Nature Inspired Materials Engineering	2	CSS	A-118	F	36
CH6250	Engineering Materials	1	CSS	A-119	Q	56
CH6170	Interfacial Chemistry	1	CSS	A-118	D	56

CH6270	Introduction to Nanotechnology	1	PM	A-118	B	12
Basket 2: Select 2 credits						
CH6630	Membrane Separation Process	2	SKM	A-118	Q	36
CH6560	Mineral Processing	1	NM	A-119	P	56

MTech Dual Degree Semester 9 (BTech to MTech conversion)

Faculty Advisor: Dr. Parag D. Pawar		
	Electives	6
CH501 6	Dual Degree Thesis (Stage 1)	12

M.Tech III Year Program

Semester 6

Faculty Advisor: Dr. Praveen Meduri		
CH5047	Thesis (Stage 4)	7

List of Electives

Course No	Title	Credits	Instructors	Room	Slot	Segment
CH6710	Concepts in Soft Matter Systems	2	BI	A-118	E	36
CH6560	Mineral Processing	1	NM	A-119	P	56
CH6730	Nature Inspired Materials Engineering	2	CSS	A-118	F	36
CH6620	Intermolecular Forces	1	SM	A-118	E	12
CH6830	Surface Interactions	1	SM	A-119	G	56
CH6650	Introduction to Stochastic Differential Equations	1	PJ	A-118	Q	12
CH6670	Theory of Stochastic Differential Equations	2	PJ	A-119	R	36
CH6460	Bio-process Technology	2	DSK	A-118	G	36
CH6550	Chemical reactor Modeling	2	VJ	A-118	R	14
CH6330	Systems Biology	1	LG	A-118	R	56
CH6160	Introduction to Biological Engineering	1	DSK	A-119	R	12
CH6250	Engineering Materials	1	CSS	A-119	Q	56
CH6170	Interfacial Chemistry	1	CSS	A-118	D	56
CH6270	Introduction to Nanotechnology	1	PM	A-118	B	12
CH6310	Introduction to statistical hypothesis testing	2	SS	A-119	P	14
CH6910	Physicochemical Fundamentals for Chemical Engineers	2	SM	A-118	C	36
CH6370	Statistical computing	2	LG	A-119	E	36
CH6350	Bio Mechanics	1	AM	A-118	G	12
CH6870	Machine learning for process systems engineering	1	KM	A-118	P	56
CH6630	Membrane Separation Process	2	SKM	A-118	Q	36