



## राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला

National Institute of Technology, Rourkela

### CENTRAL TIME TABLE, AUTUMN SEMESTER 2015

For all Semesters, all Branches, all Programmes and all Courses

#### GENERAL SLOT INFORMATION (T-P Sequence)

Period	1	2	3	4	L U N C H	5	6	7	8	9
DAY	8-9 AM	9-10 AM	10-11 AM	11-12 NOON		1.15- 2.15PM	2.15- 3.15PM	3.15- 4.15PM	4.15- 5.15PM	5.15pm- 6.15pm
MON	TA1	TB1	TC1	TE1		PA		TF1	ZA1	
TUE	TB2	TC2	TD1	TE2		PB		TF2	ZB1	
WED	PX					TG1	SA1	SB1	SC1	ZA2
	SM1	SJ1	SK1	SL1		PY				
THUR	TC3	TD2	TA2	TG2		PC		TF3	ZC1	
FRI	TD3	TA3	TB3	TE3	PD		TG3	ZA3		

#### GENERAL SLOT INFORMATION (P-T Sequence)

Period	1	2	3	4	L U N C H	5	6	7	8	9
DAY	8-9 AM	9-10 AM	10-11 AM	11-12 NOON		1.15- 2.15PM	2.15- 3.15PM	3.15- 4.15PM	4.15- 5.15PM	5.15pm- 6.15pm
MON	PE			TE1		TJ1	TK1	TL1	TF1	ZA1
TUE	PF			TE2		TK2	TL2	TM1	TF2	ZB1
WED	PX					TG1	SA1	SB1	SC1	ZA2
	SM1	SJ1	SK1	SL1		PY				
THUR	PG			TG2		TL3	TM2	TJ2	TF3	ZC1
FRI	PH			TE3	TM3	TJ3	TK3	TG3	ZA3	

#### SAMPLE NOTATIONS

T-P Sequence = Practical in afternoon [Slots available: TA, TB, TC, TD, TE, TF, TG, PA, PB, PC, PD, and PX]

P-T Sequence = Practical in forenoon [Slots available: TJ, TK, TL, TM, TE, TF, TG, PE, PF, PG, PH, and PY]

TA1 = 1<sup>st</sup> Lecture of A slot for Theory courses

PA = A slot of Practical courses

#### Course Allocation

- TA, TB / TJ, TK slots are for Core courses.
- TC and TL slots are for Core courses or PEs as per need.
- TD, TF, TM slots are for PEs only.
- TG slot is to be used for 3-credit courses or Tutorials only.
- SA1,SB1,SC1,SM1,SJ1,SK1,and SL1 slots will be used for **tutorials** only (No theory)
- If a department fulfills its tutorial requirements by tutorial slots in point 5, (i.e at least three 4-credit courses), it can offer theory in TG slot.

7. Students may choose any course as OPEN ELECTIVE IF TIMETABLE AND COURSE TEACHER permit. In addition, there will be 40 SPECIAL OPEN ELECTIVES which will be offered in TE slot only. TE slot is for SPECIAL Open Electives (OEs) only.
8. TG slot can be used for PE if available.
9. M.Tech courses can use all slots except TE and tutorial slots.
10. If a sessional falls in PX or PY slot, then the tutorials may be suitably allocated in the afternoon/morning session respectively.
11. ZA is a THEORY SLOT and ZB1 AND ZC1 are its associated tutorial slots. This slot will be allotted by any department only if all other options have been found unsuitable for a particular subject.

**Association of Tutorial slots with Theory slots:**

<b>Theory Slot</b>	TA	TB	TC	TD	TE	TF	TJ	TK	TL	TM
<b>Associated Tutorial Slot</b>	SA1	SB1	SC1	TG1	TG2	TG3	SJ1	SK1	SL1	SM1

**AUTUMN SEMESTER 2014**  
**GROUPING ARRANGEMENT FOR B.TECH FIRST YEAR**

THEORY COURSES			SESSIONAL COURSES
SECTION	ROOM NO	SEQUENCE	GROUP
A	LA 101	T-P	P1
B	LA 104	T-P	P2
C	LA 114	T-P	P3
			P4
D	LA 117	T-P	P5
E	LA 101	P-T	P6
			P7
F	LA 104	P-T	P8
G	LA 114	P-T	P9
H	LA 117	P-T	P10

## Time Table Information for B. Tech. 1<sup>st</sup> Semester

<b>THEORY COURSES</b>			
<b>COURSE ID</b>	<b>COURSE TITLE L-T- P</b>	<b>SECTION</b>	<b>TIME SLOT</b>
MA-101	Mathematics – I 3-1-0	A, B	TC
		C,D	TD
		E,F	TJ
		G,H	TL
PH-101	Physics – I 3-1-0	A, B	TA
		C,D	TB
		E,F	TK
		G,H	TM
CY-101	Chemistry 3-1-0	A, B	TF
		C,D	TF
		E,F	TE
		G,H	TK
EE-100	Basic Electrical Engineering 3-1-0	A, B	TD
		C,D	TC
EC-100	Basic Electronics Engineering 3-1-0	E + M.Sc (PHY)1 <sup>st</sup> sem F	TL
		G,H	TJ
CE-100	Engineering Mechanics 3-1-0	A, B	TB
		C,D	TA
CE- 130	Environment and Safety Engineering 3-1-0	E,F	TM
		G,H	TE

**M. Sc Physics 1<sup>st</sup> semester students to join with Section E students for basic electronics class.**

## Time Table Information for B. Tech. 1<sup>st</sup> Semester

LABORATORY/ SESSIONAL COURSES				
COURSE ID	COURSE TITLE L-T- P	GROUP	TIME SLOT	ROOM
PH-171	Physics Laboratory 0-0-3	P1	PA	Physics Dept.
		P2	PB	
		P3	PC	
		P4	PD	
		P5	PX	
CY-171	Chemistry Laboratory 0-0-3	P6	PE	Chemistry Dept.
		P7	PF	
		P8	PG	
		P9	PH	
		P10	PY	
CS-171	Computing Laboratory - 0-0-3	P1+ 2 Yr M.Sc(Earth Science) +2yr M.Sc(LS)	PB	LA Computer Centre
		P2	PC	
		P3+ 2 Yr M.Sc(Chemistry)	PD	
		P4 +2 Yr M.Sc(Maths)	PX	
		P5+2 Yr MA (Humanities)	PA	
		P6	PF	
		P7	PG	
		P8	PH	
		P9	PY	
CE-171	Engineering Drawing 0-0-3	P10+2 Yr M.Sc(Physics)	PE	LA Computer Centre
		P1	PC	
		P2	PD	
		P3	PX	
		P4	PA	
		P5	PB	
		P6	PG	
		P7	PH	
		P8	PY	
		P9	PE	
WS-171	Workshop Practice –I 0-0-3	P10	PF	Central Workshop
		P1	PD	
		P2	PX	
		P3	PA	
		P4	PB	
		P5	PC	
		P6	PH	
		P7	PY	
		P8	PE	
		P9	PF	

## **B. ARCH**

**B.Arch 1<sup>st</sup> Sem. (Planning and Architecture) (T-P Sequence)  
(Department to fill up the rest)**

**All Architecture students to be put in Section A for theory and P1 for  
Practicals**

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
CE 100	Engg Mechanics 3-1-0	TB	LA 101	CS171	Computing Laboratory- I	PB	Architecture Dept.
MA101	Mathematics -I 3-1-0	TC	LA 101	WS171	Workshop Practice-I	PD	
		TA	Dept			PA	
		TD				PC	
		TE					

**TIME TABLE INFORMATION FOR B. TECH. 2<sup>nd</sup> YEAR  
AUTUMN (3<sup>rd</sup> & 5<sup>th</sup>) SEMESTER 2015-16 (COMMON COURSES)**

<b>THEORY</b>				
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Branch</b>	<b>Time Slot</b>	<b>Room</b>
MA 201	Mathematics-III 3-1-0	ME, ID	TA	LA 217
		EI, EC, Int. M.Sc (LS)	TC	Electronics Dept
		EE	TL	Electrical Science Dept
		CH, MM, FP	TC	LA 214
		CE, MN	TJ	LA 201
		CR, BM, BT	TL	LA 217
		CS	TL	LA 214
CH213	Chemical Engg Thermodynamics 3-1-0	CH, FP	TA	Chemical Dept
CH215	Fluid Dynamics 3-1-0	CH, FP	TB	Chemical Dept
CE 203	Mechanics of Solids	CE, MN, PA	TK	LA 201
EC 201	Analog Electronics	CS	TF	LA 214
EC 201	Analog Electronics	EI, EC	TA	ECE Dept
EC 202	Digital Electronics	CS	TK	LA 214
ME 211	Kinematics and Dynamics of Machinery 3-1-0	ME, ID	TB	LA 217
ME 213	Mechanics of Solids 3-1-0	ME, ID	TC	LA 217
ER 207	Mining Geology 3-1-0	MN	TF	Mining Dept
ME 250	Thermal Sciences 3-1-0	3 <sup>rd</sup> EI, EC	TB	ECE Dept

ME255	Thermal Engineering	5 <sup>TH</sup> ME , ID	TJ	ID Dept
LS 201	Basic Biochemistry 3-0-0	3 <sup>rd</sup> BT, 3 <sup>rd</sup> Int. MSc (LS)	ZA	LA004
LS 203	Basic Microbiology 3-0-0	3 <sup>rd</sup> BT, 3 <sup>rd</sup> Int. MSc (LS)	TF	LA 004
EE 307	Electrical Machines	CE, FP	TJ	MB 105
EE 307	Electrical Machines	CH	TJ	LA 116
EE 307	Electrical Machines	ME,MN	TK	LA 409
PH 667	Properties of matter at low temperature 3-1-0	M.Tech Cryogenics	TB	PH Dept.
CH 631	Process plant simulation 3-1-0	M.Tech Cryogenics	TD	CH Dept.
MM 659	Vacuum technology in materials engg 3-1-0	M.Tech Cryogenics	TC	MM Dept.
ME 651	Advanced Fluid mechanics		TD	ME Dept.
<b>LABORATORY/ SESSIONAL COURSES</b>				
MA 270	Math-III Lab 0-0-3	CR, BM, BT	PE	LA Computer Centre
		CS	PG	
		EI,EC	PD	
		CH,MM	PC	
		Int M.Sc(P,C,M)	PB	
HS 270	Language Lab 0-0-3	CE	PF	LA Computer Centre
		MN	PF	
		ME	PB	
		ID, FP	PD	
		EE	PH	
ME 271	Thermal Engg. Lab 0-0-3	EI, EC	PA/PB	Mech. Engg. Dept.
EE 270	Electrical Engg. Lab	CE	PE	Electrical Engg. Dept
		MN	PH	

	0-0-3	ME1	PA	
		ME2	PD	
		ID, FP	PB	
		EE1	PG	
		EE2	PF	
EC 270	Electronics Lab 0-0-3	CR	PF	Electronics & Comm. Engg. Dept
		BM, BT	PG	
		CS1/CS2	PH/PY	
		EI,EC	PC/PX	
		CH	PD	
		MM	PA	
CE 273	MOS Lab 0-0-3	ME1/ME2/CE/MN	PC/PX/PH/ PG	Civil Engg. Dept
ER273	Mining Geology Lab	MN	PE	
EC276	Digital Electronics Lab	CS	PE	ECE Dept
WS 471	Advanced Welding and Foundry Practices	MM	PG	Mech Engg dept
LS 271	Basic Biochemistry Lab	3 <sup>rd</sup> Int. M.Sc(PHY), 3 <sup>rd</sup> Int. M.Sc (LS)/ 3 <sup>rd</sup> BT ,5 <sup>th</sup> Int. M.Sc. (CY)	PC/PH	LS Dept
LS 273	Basic Microbiology Lab	3 <sup>rd</sup> Int. MSc (LS)/ 3 <sup>rd</sup> BT	PB/PY	LS Dept

**ME1+ME2 means Mech. Dept. is to divide the total students in ME including dual degree into batches. Same is applicable for other departments too.**



**Time Table Information for B. Tech (2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> year) and  
B.Arch and M.Tech (1<sup>ST</sup> year)  
AUTUMN SEMESTER 2015-16**

**BRANCH: B.ARCH (PLANNING & ARCHITECTURE)**

**B. Arch 3<sup>rd</sup> Sem. (Planning and Architecture) (P-T Sequence)  
(Department to fill up the rest)**

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
CE 203	Mechanics of Solids 3-1-0	TK	LA 201			PF	PA Dept.
		TF	PA Dept.			PE	
		TJ				PG	
		TL				PH	
		TM					

**B. Arch 5<sup>th</sup> Sem. (Planning and Architecture) (P-T Sequence)  
(Department to fill up the rest)**

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TK	PA Dept.			PF	PA Dept.
		TF				PE	
		TJ				PG	
		TL				PH	

## **BRANCH : BIO-MEDICAL ENGG**

### **B. Tech 3<sup>rd</sup> Semester (Bio-Medical Engg) (P-T Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
MA 201	Mathematics-III	TL	LA 217	EC 270	Electronics Lab 0-0-3	PG	ECE Lab.
		TF	BM Dept.	MA 270	Math- III Lab 0-0-3	PE	LA Comp. Centre
		TK	BM Dept.			PG	BM Dept.
		TJ	BM Dept.			PH	
		TM	BM Dept.				

### **B. Tech 5<sup>th</sup> Semester (Bio-Medical Engg) (P-T Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
						PF	Dept
						PE	
		TL	BM Deptt			PH	
		TM					
		TF				PG	

### **B. Tech 7<sup>th</sup> Semester (Bio-Medical Engg) (T-P Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
		TA	BM Dept.			PA	BM Dept.
		TB				PB	
		TC				PC	
		TD	BM			PD	

			Dept.				
		TF	BM Dept.				

**M.Tech 1<sup>st</sup> Semester (Bio-Medical Engg) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			BM Dept.				

**BRANCH: BIOTECHNOLOGY**

**B. Tech 3<sup>rd</sup> Semester (Bio-Technology) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TL	LA 217	EC 270	Electronics Lab 0-0-3	PG	ECE Lab.
LS 201	Basic Biochemistry 3-0-0	ZA	LA004	MA 270	Math- III Lab 0-0-3	PE	LA Comp. Centre
LS 203	Basic Microbiology 3-0-0	TF	LA004	LS 273	Basic Microbiology laboratory 0-0-3	PY	LS Dept.
		TF	BM Dept.	LS 271	Basic Biochemistry laboratory 0-0-3	PH	
		TM					

**B. Tech 5<sup>th</sup> Semester (Bio-Technology) (P-T Sequence)**

(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
						PF	BM Dept
						PE	
		TL	BM Dept.			PH	
		TM					
		TF					
						PG	

**B. Tech 7<sup>th</sup> Semester (Bio-Technology) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	BM Dept.			PA	BM Dept
		TB				PB	
		TC				PC	
		TD					
		TF				PD	

**M.Tech 1<sup>st</sup> Semester (Biotechnology) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			BM Dept.				

**BRANCH: CERAMIC ENGINEERING**

**B. Tech 3<sup>rd</sup> Semester (Ceramic Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TL	LA 217	EC 270	Electronics Lab 0-0-3	PF	ECE Lab.
		TK	CR Dept.	MA 270	Math- III Lab 0-0-3	PE	LA Comp. Centre
		TJ		PG	CR Dept.		
		TF		PH			
		TM					

**B. Tech 5<sup>th</sup> Semester (Ceramic Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	CR Dept.			PF	CR Dept.
		TK		PE			
		TL		PH			
		TM		PG			
		TF					

**B. Tech 7<sup>th</sup> Semester (Ceramic Engg.) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	CR Dept.			PA	CR Dept.
		TB		PB			
		TC		PC			
		TD		PD			
		TF					

**M.Tech 1<sup>st</sup> Semester (Industrial Ceramics) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			CR Dept.				

## **BRANCH: CHEMICAL ENGINEERING**

### **B. Tech 3<sup>rd</sup> Semester (Chemical Engg) (T-P Sequence)** (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TC	LA 214	EC 270	Electronics Lab 0-0-3	PD	ECE Lab.
		TF	CH Dept.	MA 270	Math- III Lab 0-0-3	PC	LA Comp. Centre
CH213	Chemical Engg Thermodynamics 3-1-0	TA					
CH215	Fluid Dynamics 3-1-0	TB					
		TD					
						PA	CH Dept.
						PB	

### **B. Tech 5<sup>th</sup> Semester (Chemical Engg) (P-T Sequence)** (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	LA 116			PF	CH Dept.
		TK				PE	
		TL				PH	
		TM				PG	

EE 307	Electrical Machines	TF					
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**B. Tech 7<sup>th</sup> Semester (Chemical Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	CH Dept.			PA	Dept
		TB				PB	
		TC				PC	
		TD				PD	
		TF					

**M.Tech 1<sup>st</sup> Semester (Chemical Engineering) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			CH Dept				

**BRANCH: CIVIL ENGINEERING**

**B. Tech 3<sup>rd</sup> Semester (Civil Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics- III	TJ	LA 201	EE 270	Electrical Lab 0-0-3	PE	Elect. Lab.
CE 203	Mechanics of	TK		HS 270	Language	PF	LA Comp.

	Solids				Lab 0-0-3		Centre
		TL		CE273	Mech of solids lab	PH	CE Dept.
		TM					

**B. Tech 5<sup>th</sup> Semester (Civil Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TF	MB 105			PE	CE Dept
		TK				PF	
		TL				PG	
		TM					
EE 307	Electrical machines	TJ					

**B. Tech 7<sup>th</sup> Semester (Civil Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	LA 201			PB	CE Dept.
		TB				PA	
		TC				PC	
		TD					
		TF	LA 014			PD	

**M.Tech 1<sup>st</sup> Semester (Geotechnical Engineering) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Dept seminar room				




**M.Tech 1<sup>st</sup> Semester (Structural Engineering) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 101				

**M.Tech 1<sup>st</sup> Semester (Transportation Engineering) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 105				

**M.Tech 1<sup>st</sup> Semester (Water Resources Engineering) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 101				


## BRANCH: COMPUTER SCIENCE AND ENGINEERING

### B. Tech 3<sup>rd</sup> Semester (Computer Science & Engg) (P-T Sequence) (Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
MA 201	Mathematics-III	TL	LA 214	EC 276	Digital Electronics Lab	PE	ECE Dept	
EC 201	Analog Electronics	TF				PF	DEPT	
		TJ						
EC 202	Digital Electronics	TK		MA 270	Math- III Lab 0-0-3	PG	LA Comp. Centre	
		TM		EC 270	Electronics Lab 0-0-3	PH/PY	CS Deptt Lab.	

### B. Tech 5<sup>th</sup> Semester (Computer Science & Engg) (P-T Sequence) (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	LA 317			PE	Dept
		TK				PF	
		TL				PG	
		TM				PH	
		TF					

### B. Tech 7<sup>th</sup> Semester (Computer Science & Engg) (T-P Sequence) (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course	Time	Room	Course	Course	Time	Room

	<b>Title L-T-P</b>	<b>Slot</b>		<b>ID</b>	<b>Title L-T-P</b>	<b>Slot</b>	
		TA	LA 317			PA	Dept
		TB				PB	
		TC				PC	
		TD					
		TG				PD	

**M.Tech 1<sup>st</sup> Semester (Computer Science) ( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			LA 410				

**M.Tech 1<sup>st</sup> Semester (Information Security) (T-P/P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			LA 410				

**M.Tech 1<sup>st</sup> Semester (Software Engineering) (T-P/P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title</b>	<b>Time Slot</b>	<b>Room</b>

	<b>L-T-P</b>				<b>L-T-P</b>		
			LA 417				

## **BRANCH: ELECTRICAL ENGINEERING**

**B. Tech 3<sup>rd</sup> Semester (Electrical Engg) (P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
MA 201	Mathematics-III	TL	Electrical Sciences Dept	EE 270	Electrical Lab 0-0-3	PG/PF	Elect. Lab.
		TF		HS 270	Language Lab 0-0-3	PH (EE1&EE2)	LA Comp. Centre
		TK				PE/PY	Dept.
		TM				PY/PE	Dept.
		TJ					

**B. Tech 5<sup>th</sup> Semester (Electrical Engg) (P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
		TJ	Electrical Sciences Dept			PF	Dept
		TK				PE	
		TL				PH	
		TM				PG	
		TF					

**B. Tech 7<sup>th</sup> Semester (Electrical Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	Electrical Sciences Dept			PA	Dept
		TB				PB	
		TC				PC	
		TD				PD	
		TF					

**M.Tech 1<sup>st</sup> Semester (Electronics System & Communication) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electrical Sciences Dept				

**M.Tech 1<sup>st</sup> Semester (Power Electronics & Drives) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electrical Sciences Dept				

**M.Tech 1<sup>st</sup> Semester (Control & Automation) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
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Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electrical Sciences Dept				

**BRANCH:**

**ELECTRONICS & INSTRUMENTATION ENGINEERING AND  
ELECTRONICS & COMMUNICATION ENGINEERING**

**B. Tech 3<sup>rd</sup> Sem. (Electronics & Instrumentation Engg and Electronics & Communication Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TC	Electronics Dept	EC 270	Electronics Lab 0-0-3	PC/PX	ECE Lab.
ME 250	Thermal Sciences	TB		MA 270	Math- III Lab 0-0-3	PD	LA Comp. Centre
EC 201	Analog Electronics	TA		ME 271	Thermal Engg. Lab	PA/PB	ME Dept.
		TD				PB/PA	Dept.
		TF					

**B. Tech 5<sup>th</sup> Semester (Electronics & Instrumentation Engg and Electronics & Communication Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room

		TJ	Electronics Dept			PF	Dept
		TK				PE	
		TL				PH	
		TM				PG	
		TF					

**B. Tech 7<sup>th</sup> Semester (Electronics and Instrumentation Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	Electronics Dept			PA	Dept
		TB				PB	
		TC				PC	
		TD				PD	
		TF					

**B. Tech 7<sup>th</sup> Semester (Electronics and Communication Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	Electronics Dept			PA	Dept
		TB				PB	
		TC				PC	
		TD				PD	
		TF					

**M.Tech 1<sup>st</sup> Semester (VLSI & Embedded Systems) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electronics				

			Dept				

**M.Tech 1<sup>st</sup> Semester (Electronics & Instrumentation Engineering) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electronics Dept				

**M.Tech 1<sup>st</sup> Semester (Signal & Image Processing) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electronics Dept				

**M.Tech 1<sup>st</sup> Semester (Communication & Networks) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Electronics Dept				




**BRANCH:**  
**FOOD PROCESSING ENGINEERING**

**B. Tech 3<sup>rd</sup> Sem. (Food Processing Engineering) (T-P Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TC	LA 214	EE 270	Electrical Engg Lab 0-0-3	PB	Electrical Science Dept
CH 213	Chemical Engg Thermodynamics 3-1-0	TA	LA 204	HS 270	Language Lab 0-0-3	PD	LA Comp. Centre
CH215	Fluid dynamics 3-1-0	TB	LA 204				
		TD				PB/PA	Dept.

**B. Tech 5<sup>th</sup> Sem. (Food Processing Engineering) (P-T Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room

## **BRANCH: INDUSTRIAL DESIGN**

### **B. Tech 3<sup>rd</sup> Semester (Industrial Design) (T-P Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
MA 201	Mathematics-III	TA	LA 217	EE 270	Electrical Lab 0-0-3	PB	Elect. Lab.
ME211	Kinematics and dynamics of machinery	TB	LA 217	HS 270	Language Lab 0-0-3	PD	LA Comp. Centre
ME213	Mechanics of solids	TC	LA 217			PC	
		TD	ID			PA	Dept.
		TF	Dept.				

### **B. Tech 5<sup>th</sup> Semester (Industrial Design) (P-T Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
ME 255	Thermal Engg	TJ	ID Dept.			PF	ID Dept
		TK		PE			
		TL		PH			
		TM		PG			
		TF					

### **B. Tech 7<sup>th</sup> Semester (Industrial Design) (T-P Sequence)** (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
		TA	ID Dept			PA	
		TB		PB			

		TC				PC	
		TD				PD	
		TF					

## **BRANCH: MECHANICAL ENGINEERING**

### **B. Tech 3<sup>rd</sup> Sem. (Mechanical Engineering) (T-P Sequence)** (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TA	LA 217	EE 270	Electrical Lab 0-0-3	PA/PD	Elect. Lab.
ME 211	Kinematics and dynamics of machinery	TB	LA 217	HS 270	Language Lab 0-0-3	PB (ME1 & ME2)	LA Comp. Centre
ME 213	Mechanics of Solids	TC		CE 273	MOS Lab	PC/PX	CE Dept.
		TD				PX/PC	CE Dept.
		TF					

### **B. Tech 5<sup>th</sup> Semester (Mechanical Engineering) (P-T Sequence)** (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	LA 409			PE	ME Dept.
EE 307	Electrical machines	TK				PF	
		TL				PG	
		TM				PH	LA 204
		TF					

### **B. Tech 7<sup>th</sup> Semester (Mechanical Engineering) (T-P Sequence)** (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course	Time	Room	Course	Course	Time	Room

	<b>Title L-T-P</b>	<b>Slot</b>		<b>ID</b>	<b>Title L-T-P</b>	<b>Slot</b>	
		TA	LA 409			PA	Dept
		TB				PB	Dept
		TC				PC	Dept
		TD				PD	Dept
		TG					

**M.Tech 1<sup>st</sup> Semester (Mechanical Design & Analysis) ( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			ME Dept				

**M.Tech 1<sup>st</sup> Semester (Production Engineering) ( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			ME Dept.				

**M.Tech 1<sup>st</sup> Semester (Thermal Engineering) ( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			ME Dept				


**M.Tech 1<sup>st</sup> Semester (Cryogenics & Vacuum Technology) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH 663	Physical phenomena at low temperature 3-1-0	TB	ME Dept				
CH 631	Process plant simulation 3-1-0	TD					
MM 659	Vacuum technology in materials engg 3-1-0	TC					

**BRANCH: METALLURGICAL AND MATERIALS ENGINEERING**

**B. Tech 3<sup>rd</sup> Semester (Metallurgical and Materials Engg.) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
MA 201	Mathematics-III	TC	LA 214	EC 270	Electronics Lab 0-0-3	PA	ECE Lab.
		TA	LA	MA 270	Math- III	PC	LA

			216		Lab 0-0-3		Comp. Centre
		TB				PB	
		TD					Dept.
		TF	MM Dept.			PD	Dept.

**B. Tech 5<sup>th</sup> Semester (Metallurgical and Materials Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	MM Dept			PE	Dept
		TK				PF	
		TL		WS471	Advanced Welding and Foundry Practices 0-0-3	PG	
		TM				PH	
		TF					

**B. Tech 7<sup>th</sup> Semester (Metallurgical and Materials Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	MM Dept.			PA	Dept
		TB				PB	
		TC				PC	
		TD				PD	
		TF					

**M.Tech 1<sup>st</sup> Semester (Metallurgical and Materials Engineering) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title	Time Slot	Room	Course ID	Course Title	Time Slot	Room

	<b>L-T-P</b>				<b>L-T-P</b>		
			MM Dept				

**M.Tech 1<sup>st</sup> Semester (Steel Technology) ( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			MM Dept				

**BRANCH: MINING ENGINEERING**

**B. Tech 3<sup>rd</sup> Semester (Mining Engg) (P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
MA 201	Mathematics-III	TJ	LA 201	EE 270	Electrical Lab 0-0-3	PH	Elect. Lab.
CE 203	Mechanics of Solids	TK	LA 201	HS 270	Language Lab 0-0-3	PF	LA Comp. Centre
		TL	Mining Dept.				
		TM		CE 273	Mechanics of Solids Lab	PG	Civil Dept.
ER 207	Mining Geology	TF		ER 273	Mining Geology Lab	PE	Dept.

**B. Tech 5<sup>th</sup> Semester (Mining Engg) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TJ	MN Dept.			PF	MN Dept
		TF				PE	
		TL				PH	
		TM					
EE 307	Electrical Machines	TF	LA 201			PG	

**B. Tech 7<sup>th</sup> Semester (Mining Engg) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
		TA	Dept.			PA	Dept
		TB				PB	
		TC				PC	
		TD					
		TF	Dept			PD	

**M.Tech 1<sup>st</sup> Semester (Mining Engineering) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			Dept				



**TIME TABLE INFORMATION FOR**  
**INTEGRATED MSC 2<sup>ND</sup>, 3<sup>RD</sup>, 4<sup>TH</sup> AND 5<sup>TH</sup> YEAR (PHY, CHY & MATH)**  
**AND TWO YEAR M.SC**  
**AUTUMN SEMESTER 2015-16**

**DEPARTMENT: PHYSICS**

**PROGRAMME: INTEGRATED M.SC (FIVE YEARS) PHYSICS**

**3<sup>rd</sup> Semester (Integrated Physics) (T-P Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH 203	Optics	TA	LA 401	PH 271	Waves and Optics Lab	PX	
CY 211	Basic Organic Chemistry-I	TB		CY 271	Basic Organic Chemistry Lab	PA	
MA 205	Introduction to Numerical Analysis	TC		MA 270	Numerical Methods Lab	PB	
CY 231	Basic Physical Chemistry-1	TF		LS 271	Basic Biochemistry Lab	PC	
		TD	LA 416				

**5<sup>th</sup> Semester (Integrated Physics) (P-T Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH407	Quantum Mechanics – I 3-1-0	TJ	LA 401	PH 371	Properties of Matter Lab	PE	
		TL					
		TF	LA 416				
		TM					

**7<sup>th</sup> Semester (Integrated Physics) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TA	LA 416			PB		
		TB					PA	Dept
		TC					PC	Dept
		TD					PD	Dept
		TG						

**9<sup>th</sup> Semester (Integrated Physics) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TJ	MB 103			PE	Dept	
		TK					PF	Dept
		TL					PG	Dept
		TM					PH	Dept
		TG						

**1<sup>st</sup> semester M.Sc Physics (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
			MB 103	CS171	Computing Laboratory	PC	LA Computer Centre	

**3<sup>rd</sup> semester M.Sc Physics (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 103				

**DEPARTMENT: CHEMISTRY**

**PROGRAMME: INTEGRATED M.SC (FIVE YEARS) CHEMISTRY**

**3<sup>rd</sup> Semester (Integrated Chemistry) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH 203	Optics	TA	LA 401	PH 271	Waves and Optics Lab	PX	
CY 211	Basic Organic Chemistry-I	TB		CY 271	Basic Organic Chemistry Lab	PA	
MA 205	Introduction to Numerical Analysis	TC		MA 270	Numerical Methods Lab	PB	
		TF	LA 418			PD	

**5th Semester (Integrated Chemistry) (P-T Sequence)**  
(Department to fill up the rest)

Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH407	Quantum Mechanics – I 3-1-0	TJ	LA 401	PH 371	Properties of Matter Lab	PE	
CY-231	Basic Physical Chemistry-I	TF		CY 371	Basic Inorganic Chemistry Lab	PX	
MA- 301	Algebra	TL		MA 371	Laboratory Work on Mathematical Software	PY	
		TM	LA 418	LS 271	Basic biochemistry Lab	PH	LS Dept
		TK					

**7<sup>th</sup> Semester (Integrated Chemistry) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TA	LA 402			PA	Dept	
		TB					PB	Dept
		TC					PC	Dept
		TD					PD	Dept
		TG						

**9<sup>th</sup> Semester (Integrated Chemistry) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TJ	LA 402			PE	Dept	
		TK					PF	Dept
		TL					PG	Dept
		TM					PH	Dept
		TG						

**1<sup>st</sup> semester M.Sc Chemistry (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB102	CS171	Computing Laboratory	PD	LA Computer Centre

**3<sup>rd</sup> semester M.Sc Chemistry (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 102				

**DEPARTMENT: MATHEMATICS****PROGRAMME: INTEGRATED M.SC (FIVE YEARS) MATHEMATICS****3<sup>rd</sup> Semester (Integrated Mathematics) (T-P Sequence)**

(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH 203	Optics	TA	LA 401	PH 271	Waves and Optics Lab	PX	
CY 211	Basic Organic Chemistry-I	TB		CY 271	Basic Organic Chemistry Lab	PA	
MA 205	Introduction to Numerical Analysis	TC		MA 270	Numerical Methods Lab	PB	
		TD	LA 422			PD	

**5<sup>th</sup> Semester (Integrated Mathematics) (P-T Sequence)**

(Department to fill up the rest)

Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
PH407	Quantum Mechanics – I 3-1-0	TJ	LA 401	PH 371	Properties of Matter Lab	PE	
CY 231	Basic Physical Chemistry-1	TF		CY 371	Basic Inorganic Chemistry Lab	PX	
MA 301	Algebra	TL		MA 371	Laboratory Work on Mathematical Software	PY	
		TG	LA 422			PH	
		TM					

**7<sup>th</sup> Semester (Integrated Mathematics) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TA	LA 301			PA	Dept	
		TB					PB	Dept
		TC					PC	Dept
		TD					PD	Dept
		TF						

**9<sup>th</sup> Semester (Integrated Mathematics) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
		TJ	LA 301			PE	Dept	
		TK					PF	Dept
		TL					PG	Dept
		TM					PH	Dept
		TG						

**1<sup>st</sup> semester M.Sc Mathematics (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL				
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room	
			MB104	CS171	Computing Laboratory	PX	LA Computer Centre	

**3<sup>rd</sup> semester M.Sc Mathematics (two-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			MB 104				

**DEPARTMENT: EARTH & ATMOSPHERIC SCIENCES**

**1<sup>st</sup> semester M.Sc Applied Geology (two-year) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			LA 418	CS171	Computing Laboratory	PB	LA Computer centre

**3<sup>rd</sup> semester M.Sc Applied Geology (two-year) (P-T Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room



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**1<sup>st</sup> semsester M.Sc Atmospheric Science (two-year) (T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
				CS171	Computing Laboratory	PB	LA Computer centre

**DEPARTMENT: LIFE SCIENCE**

**3<sup>rd</sup> semester Integrated M.Sc Life Science (five-year) ( Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
LS 201	Basic Biochemistry 3-0-0	ZA	LA004	LS 271	Basic Biochemistry Lab	PC	LS Dept
LS 203	Basic Microbiology 3-0-0	TF		LS 273	Basic Microbiology Lab	PB	LS Dept
CY 211	Basic Organic Chemistry-I	TB	LA 401	CY 271	Organic Chemistry Lab	PA	Chemistry Dept
MA 201	Mathematics-III	TC	Electronics Dept				

**1<sup>st</sup> semester M.Sc Life Science (two-year) ( T-P Sequence)**  
(Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title	Time Slot	Room	Course ID	Course Title	Time Slot	Room

	<b>L-T-P</b>				<b>L-T-P</b>		
			LA 316				

**3<sup>rd</sup> semester M.Sc Life Science (two-year) ( P-T Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			LA 408				

**Time Table Information for MA**  
**AUTUMN SEMESTER 2015-16**

**DEPARTMENT: HUMANITIES & SOCIAL SCIENCES**

**MA DEVELOPMENT STUDIES (two-year) ( 1<sup>st</sup> semester)( Sequence)**  
(Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			LA 302	CS171	Computing Laboratory	PA	LA Computer Centre

**MA DEVELOPMENT STUDIES (two-year) ( 3<sup>rd</sup> semester)( Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			LA 322	CS171	Computing Laboratory	PA	LA Computer Centre

**Time Table Information for MBA**  
**AUTUMN SEMESTER 2015-16**

**DEPARTMENT: SCHOOL OF MANAGEMENT**

**MBA 1<sup>st</sup> Semester ( Sequence)**  
 (Department to fill up the rest)

THEORY				SESSIONAL			
Course ID	Course Title L-T-P	Time Slot	Room	Course ID	Course Title L-T-P	Time Slot	Room
			SM Dept.				

**MBA 3<sup>rd</sup> Semester ( Sequence)**  
 (Department to fill up the rest)

<b>THEORY</b>				<b>SESSIONAL</b>			
<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>	<b>Course ID</b>	<b>Course Title L-T-P</b>	<b>Time Slot</b>	<b>Room</b>
			SM Dept.				

Humanities: LA 302 and LA 322

Life Science: LA 316, LA 408, LA 004, LA 216 P-T

MB 101: PG Civil Engg T-P, P-T

MB 102: M.Sc Chemistry

MB 103: M.Sc Physics

MB 104: M. Sc Mathematics

MB 105: B.Tech 5<sup>th</sup> Sem CE (P-T) and PG Civil Engg (T-P)

LA 418: Earth sciences

## OPEN ELECTIVE ROOM ALLOTMENT AUTUMN 2015-16

Sl no	Subject Code	Subject Name	Capacity	Alloted	Room No.
1	CH425	Energy Conservation and Renewable Sources of Energy	150	150	LA 204
2	HS313	Reading Indian Cinema	150	150	LA 214
3	ME231	Total Quality Management	150	150	LA 101
4	MM448	Advanced Engineering Materials	150	128	LA 201
5	HS418	Language and Writing	150	125	LA 117
6	HS420	Human Resource Management	150	124	LA 409
7	ME311	Composite Material	150	110	LA 217
8	CE403	Optimization Methods in Engineering	150	110	MB 103
9	LS318	Plant Biotechnology	150	109	MB 104
10	HS330	Introduction to Indian Society and Social Structure	150	104	MB 101
11	CH215	Basic Chemical Engineering	150	94	CH Dept.
12	CS327	Relational Database Management Systems	150	93	LA 317
13	HS553	International Trade and Development	150	89	LA 301
14	HS442	Money, Banking and Finance	150	83	LA 417
15	ME430	Industrial Management	150	79	LA 104
16	HS411	Ethical Leadership and Literature	150	77	LA 401
17	ME417	Control System Engineering	150	73	ME Dept.
18	MM317	Material Technology	150	67	MM Dept.
19	HS550	Theory of Money, Output and Employment	150	51	LA 410
20	EC450	Fundamentals of Digital Image Processing	150	47	EC Dept.
21	CS442	Computer System Architecture	150	44	LA 416
22	HS428	Psychometrics	150	43	MB102
23	PH321	Physics of Semiconducting Materials	150	38	LA 116
24	MN206	Introductory Mining Technology	150	30	MN Dept.
25	CH313	Process plant safety	150	29	CH Dept.
26	ME232	Basic Manufacturing Technology	150	26	ME Dept.
27	CY435	Introduction to Nanoscience and Nanotechnology	150	25	LA 322
28	CS439	Computer Vision	150	19	LA 422
29	LS311	Cell and Cellular Techniques	150	17	LS Dept.
30	SM633	Commercial Banking	20	17	SM Dept.
31	MM325	Ironmaking and Steelmaking	150	16	MM Dept.
32	BM417	Introduction to Biomedical Engineering	150	16	BM Dept.
33	EE431	Principles of Control Engineering	150	15	EE

**OPEN ELECTIVE ROOM ALLOTMENT AUTUMN 2015-16**

					Dept.
34	BM431	Fundamentals of Biomechanics	150	14	BM Dept.
35	BM444	Introduction to Molecular Medicine	150	14	BM Dept.