

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

**DAY: MONDAY**

CLASS	11.00-12.00	12.00-1.00	1.00-1.15	1.15-2.15	2.15-3.15	3.15-3.45	3.45-4.45	4.45-5.45	ROOM	
2S	NA(A)/EDC(B)/EMI(C) RSP/LS/MRC		BREAK	EMI (UAJ)	EDC (VMU)	RECESS	M-III (PSD)	EVS (RMK)	A2	
3S	EM-II (PRB)	SS (AUJ)		EM-II(A)/CS-I(B)/MPMC(C)/C-Skill(D) PRB/GNB/SSJ/SVB			CS-I (GNB)	C-SKILL (SVB)	A3	
4S	CS-II (AUJ)	PSOC (RSK)		EP-II (ASW)	CMPSA/AI (RKM/XYZ)		SGP(A)/EP-II(B) (XYZ/ASW)		A4	
2R	DS (SDJ)B3	M-III (SVY)B3	BREAK	PM(A) / EDC(B) / C-Lab-I(C) (VSM/SBP/KPS)		RECESS	CO (NMK)B1	ENVS (ASA)B1	B3/B1	
3R	SS(A)/STLD(B)/C-Skills(C) (CMM/AGG/HSP)			FSDP (NMK)	STLD (DDN)		SS (CMM)	--	B3	
4R	DSP (PVD)	OOAD (JMP)		WE (SDJ)	DAA (PKS)		DSP(A)/DAA(B)/OOAD(C) (PVD/KPS/SDJ)		B1	
2N	DS (SDP)B4	ALP (PPB)B4	BREAK	EDC(A)/PM(B)/ALP(C)/ C.LAB-I(D) (MLB/PVK/PPB/ASM)		RECESS	M-III (SVY)B2	EDC (MLB)B2	B4/B2	
3N	OS(A)/DIC(B)/C. Skills(C)/ C-Lab-III(D) (SSM/AGS/HSP/PVK)			DIC (AGS)B4	OS (SSM)B4		C.SKILLS (HSP)B4	TEC	B4	
4N	DSP (AKS)B2	OOAD (ASM)B2		RTES (SDP)B2	DDBMS (FIK)B2		DSP(D)/WT(A)/RTES(B) (AKS/MDK/SDP)		B2	
2U1	OOP (VSI)	M-III (NST)	BREAK	EMF (BPH)	SDL I (VKB)	RECESS	OOP(A)/EDC(B)/SDL-I(C) (VSI / SPB / TPM)		A1	
3U1	PE&D (VNB)	CE-II (DPT)		AE-II (PRW)	MPMC (MNT)		--	--	C1	
4U1	μCA (DDN)	DSP (PDK)		DCN (KMT)	VLSI/SOFC (SPB/VVR)		μCA(A)/DSP(B)/SL(C) (DDN/PDK/RSD)		C3	
2U2	OOP(A)/EDC(B)/SDL-I(C) (BPH/AND/DLB)			I&S (LS)C2	M III (NST)C2		EMF (BPH)C3	EDC (AND) C3	C2/C3	
3U2	PE&D (KTK)	MPMC (GSG)		AE-II(A)/PE&D(B)/ MPMC(C)/SDL-III(D) (KTK/SGN/GSG/DPT)			AE-II (PRW)	--	C2	
4U2	μCA(A)/DSP(B)/SL(C) (KMT/KBK/SPB)			μCA (VSI)	VLSI/SOFC (SPB/VVR)		DSP (VNB)	DCN (KMT)	C4	
2M	MOM(A)/FP-I(B)/MP-I(C) (ASB/MBB/NBB)		BREAK	FP-I (MBB)	MP-I (SPT)	RECESS	MOM (ASB)	M-III (KPD)	E2	
3M	MS (KRG)	PT (NHK)		HT(A)/MS(B)/TOM-I(C)/ CSA-I(D) (NGM/KRG/KDG/CVP)			TOM-I (VKT)	HT (MBB)	E3	
4M	EC-II (SQS)	TE/MECX (SPT/VKT)		MDD-II (SSB)	AnE (JGK)		MDD-II(A)/EC-II(B)/AnE(C) (SSB/SQS/KDG)		E4	
A1			BREAK			RECESS				
A2										
A3										
B1			BREAK			RECESS				
B3										
B3										

(T)\* , \* , T\* - Tutorial, \*\* - Additional,

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

DAY: TUESDAY

CLASS	11.00-12.00	12.00-1.00	1.00-1.15	1.15-2.15	2.15-3.15	3.15-3.45	3.45-4.45	4.45-5.45	ROOM	
2S	NA(B)/EDC(C)/EMI(D) RSP/LS/MRC		BREAK	ERG (SRP)	EDC (VMU)	RECESS	M-III (PSD)	NA (RZF)	A2	
3S	MPMC (SSJ)	SS (AUJ)		EM-II(B)/CS-I(C)/MPMC(D)/ CSkill(A) PRB/GNB/SSJ/SVB			CS-I (GNB)	FO/ICN/DCN (VVR/PPB/KPS)	A3	
4S	CS-II (AUJ)	SGP (PRB)		EP-II (ASW)	CMPSA/AI (RKM/XYZ)		SGP(B)/EP-II (C) (XYZ/ASW)		A4	
2R	EDC (SBP)B3	M-III (SVY)B3	BREAK	PM(B)/EDC(C)/C-Lab-I(D) (VSM/SBP/KPS)		RECESS	PM (VSM)B1	DS (SDJ)B1	B3/B1	
3R	SS(B)/STLD(C)/C-Skills(D) (CMM/AGG/HSP)			DC (DRD)	STLD (DDN)		FSDP (NMK)	ICN/EAM PPB/MRC	B3	
4R	DSP (PVD)	OOD (JMP)		CN (AGG)	WE (SDJ)		SEMINAR / PROJECT		B1	
2N	DS (SDP)B4	ALP (PPB)B4	BREAK	EDC(B)/PM(C)/ALP(D)/ C.LAB-I(A) (MLB/PVK/PPB/ASM)		RECESS	M-III (SVY)B2	EDC (MLB)B2	B4/B2	
3N	OS(B)/DIC(C)/C.SKILLS(D)/ C-LAB-III(A) (SSM/AGS/SVB/PVK)			OS (SSM)	DIC (AGS)		CAO (FIK)	DCN/EAM KPS/RKM	B4	
4N	DSP (AKS)	OOD (ASM)		RTES (SDP)	WT (MDK)		DSP(C)/WT(D)/RTES(A) (AKS/MDK/SDP)		B2	
2U1	OOP (VSI)	I&S (KTK)	BREAK	EMF (BPH)	M-III (NST)	RECESS	OOP(B)/EDC(C)/SDL-I(D) (VSI/SPB/TPM)		A1	
3U1	PE&D (VNB)	MPMC (MNT)		AE-II (PRW)	SDL-III (KBK)		CE-II (DPT)	ICN/DCN/EAM (PPB/KPS/MRC)	C1	
4U1	μCA (DDN)	DSP (PDK)		DCN (KMT)	VLSI/SOFC (SPB/VVR)		μCA(B)/DSP(C)/SL(D) (DDN/PDK/RSD)		C3	
2U2	OOP(B)/EDC(C)/SDL-I(D) (BPH/AND/DLB)			I&S (LS)C2	EDC (AND)C2		EMF (BPH)C3	OOP (AGS)C3	C2/C3	
3U2	CE-II (DPT)	MPMC (GSG)		AE-II(B)/PE&D(C)/ MPMC(D)/SDL-III(A) (KTK/SGN/GSG/DPT)			AE-II (PRW)	ICN/DCN/EAM (PPB/KPS/RKM)	C2	
4U2	μCA(B)/DSP(C)/SL(D) (VKB/KBK/SPB)			μCA (VSI)	VLSI/SOFC (SPB/VVR)		DSP (VNB)	DCN (KMT)	C4	
2M	MOM(D)/FP-I(A)/MP-I(B) (ASB/NGM/NBB)		BREAK	ET (SQS)	MP-I (SPT)	RECESS	FP-I (MBB)	M-III (KPD)	E2	
3M	HT (MBB)	PT (NHK)		PT(C)/HT(D)/TOM-I(A)/ CSA-I(B) (NHK/MBB/KDG/CVP)			TOM-I (VKT)	FO/ICN/DCN/EA M (VVR/PPB/KPS/ KDG)	E3	
4M	EC-II (SQS)	TE/MECX (SPT/VKT)		MDD-II (SSB)	IMC (NBB)		MECX(E1)/TE(E2) (VKT/SPT)		E4	
A1			BREAK			RECESS				
A2										
A3										
B1			BREAK			RECESS				
B2										
B3										

(T)\*, \*, T\* - Tutorial, \*\* - Additional,

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

DAY: WEDNESDAY

CLASS	11.00-12.00	12.00-1.00	1.00-1.15	1.15-2.15	2.15-3.15	3.15-3.45	3.45-4.45	4.45-5.45	ROOM	
2S	NA(C)/EDC(D)/EMI(A) RSP/LS/MRC		BREAK	ERG (SRP)	EMI (UAJ)	RECESS	M-III (PSD)	NA (RZF)	A2	
3S	MPMC (SSJ)	SS (AUJ)		EM-II(C)/CS-I(D)/MPMC(A)/ CSkill(B) PRB/GNB/SSJ/SVB			EM-II (PRB)	FO/ICN/DCN (VVR/PPB/KPS)	A3	
4S	SGP (PRB)	PSOC (RSK)		EP-II (ASW)	CMPSA/AI (RKM/XYZ)		SGP(C)/EP-II(D) (XYZ/ASW)		A4	
2R	CO (NMK)B3	M-III (SVY)B3	BREAK	PM(C)/EDC(D)/C-Lab-I(A) (VSM/LS/KPS)		RECESS	EDC (SBP)B1	PM (VSM)B1	B3/B1	
3R	SS(C)/STLD(D)/C-Skills(A) (CMM/AGG/HSP)			DC (DRD)	STLD (DDN)		SS (CMM)	ICN/EAM PPB/MRC	B3	
4R	OOAD (JMP)	DAA (PKS)		CN (AGG)	WE (SDJ)		DSP(B)/DAA(C)/OOAD(D) (PVD/NMK/SDJ)		B1	
2N	PM (PVK)B4	ALP (PPB)B4	BREAK	EDC(C)/PM(D)/ALP(A)/ C.LAB-I(B) (MLB/PVK/PPB/SSM)		RECESS	M-III (SVY)B2	EDC (MLB)B2	B4/B2	
3N	OS(C)/DIC(D)/C.SKILLS(A)/ CLAB-III(B) (SSM/AGS/SVB/PHG)			C.SKILLS (HSP)B4	DIC (AGS)B4		CAO (FIK)B4	DCN/EAM KPS/RKM	B4	
4N	DSP (AKS)	OOAD (ASM)		DDBMS (FIK)	WT (MDK)		DSP(B)/WT(C)/RTES(D) (AKS/MDK/SDP)		B2	
2U1	I&S (KTK)	M-III (NST)	BREAK	EMF (BPH)	EDC (AND)	RECESS	OOP(C)/EDC(D)/SDL-I(A) (VSI/SPB/TPM)		A1	
3U1	PE&D (VNB)	MPMC (MNT)		AE-II(A)/PE&D(B)/ MPMC(C)/SDL-III(D) (PRW/SGN/MNT/DPT)			AE-II (PRW)	ICN/DCN/EAM (PPB/KPS/MRC)	C1	
4U1	μCA (DDN)	DSP (PDK)		DCN (KMT)	VLSI/SOFC (SPB/VVR)		μCA(C)/DSP(D)/SL(A) (VKB/PDK/RSD)		C3	
2U2	OOP(C)/EDC(D)/SDL-I(A) (BPH/AND/DLB)			SDL I (DLB)C1	M-III (NST)C1		EMF (BPH)C3	OOP (AGS)C3	C1/C3	
3U2	AE-II (PRW)	MPMC (GSG)		PE&D (KTK)	SDL III (RSD)		CE-II (DPT)	ICN/DCN/EAM (PPB/KPS/RKM)	C2	
4U2	μCA(C)/DSP(D)/SL(A) (VKB/KBK/MLB)			μCA (VSI)	VLSI/SOFC (SPB/VVR)		DSP (VNB)	DCN (KMT)	C4	
2M	MOM(C)/FP-I(D)/MP-I(A) (ASB/NGM/PTP)		BREAK	ET (SQS)	MP-I (SPT)	RECESS	MOM (ASB)	M-III (KPD)	E2	
3M	HT (MBB)	MS (KRG)		PT(A)/HT(B)/MS(C)/TOM-I(D) (NHK/MBB/KRG/KDG)			TOM-I (VKT)	FO/ICN/DCN/EAM (VVR/PPB/KPS/KDG)	E3	
4M	MDD-II (SSB)	TE/MECX (SPT/VKT)		IMC (NBB)	AnE (JGK)		MDD-II(D)/EC-II(A)/AnE(B) (SSB/SQS/JGK)		E4	
A1			BREAK			RECESS				
A2										
A3										
B1			BREAK			RECESS				
B2										
B3										

(T)\*, \*, T\* - Tutorial, \*\* - Additional,

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

DAY: THURSDAY

CLASS	11.00-12.00	12.00-1.00	1.00-1.15	1.15-2.15	2.15-3.15	3.15-3.45	3.45-4.45	4.45-5.45	ROOM	
2S	NA(D)/EDC(A)/EMI(B) RSP/LS/MRC		BREAK	ERG (SRP)	EDC (VMU)	RECESS	M-III (PSD)	NA (RZF)	A2	
3S	MPMC (SSJ)	EM-II (PRB)		EM-II(D)/CS-I(A)/MPMC(B)/ CSkill(C) AKD/GNB/SSJ/SVB			CS-I (GNB)	FO/ICN/DCN (VVR/PPB/KPS)		A3
4S	CS-II (AUJ)	PSOC (RSK)		EP-II (ASW)	SGP (PRB)		SGP(D)/EP-II(A) (XYZ/ASW)			A4
2R	CO (NMK)B3	DS (SDJ)B3	BREAK	PM(D)/EDC(A)/C-Lab-I(B) (VSM/SBP/KPS)		RECESS	EDC (SBP)B1	PM (VSM)B1	B3/B1	
3R	SS(D)/STLD(A)/C-Skills(B) (CMM/AGG/HSP)			FSDP (NMK)	STLD (DDN)		DC (DRD)	ICN/EAM PPB/MRC		B3
4R	DSP (PVD)	DAA (PKS)		OOAD (JMP)	CN (AGG)		DSP(C)/DAA(D)/OOAD(A) (PVD/NMK/SDJ)			B1
2N	PM (PVK)B4	DS (SDP)B4	BREAK	EDC(D)/PM(A)/ALP(B)/ C.LAB-I(C) (MLB/PVK/PPB/ASM)		RECESS	M-III (SVY)B2	EDC (MLB)B2	B4/B2	
3N	OS(D)/DIC(A)/C.SKILLS(B)/ CLAB-III(C) (SSM/AGS/SVB/PHG)			OS (SSM)B4	DIC (AGS)B4		CAO (FIK)B4	DCN/EAM KPS/RKM		B4
4N	DSP (AKS)	WT (MDK)		DDBMS (FIK)	RTES (SDP)		DSP(A)/WT(B)/RTES(C) (AKS/MDK/SDP)			B2
2U1	I&S (KTK)	M-III (NST)	BREAK	EMF (BPH)	EDC (AND)	RECESS	OOP(D)/EDC(A)/SDL-I (B) (VSI/SPB/TPM)		A1	
3U1	PE&D (VNB)	MPMC (MNT)		AE-II(B)/PE&D(C)/ MPMC(D)/SDL-III(A) (PRW/VNB/MNT/DPT)			CE-II (DPT)	ICN/DCN/EAM (PPB/KPS/MRC)		C1
4U1	μCA (DDN)	DSP (PDK)		DCN (KMT)	VLSI/SOFC (SPB/VVR)		μCA(D)/DSP(A)/SL(B) (VKB/PDK/RSD)			
2U2	OOP(D)/EDC(A)/SDL-I(B) (VSI/AND/TPM)			I&S (LS)C1	M-III (NST)C1		EMF (BPH)C3	OOP (AGS)C3		C1/C3
3U2	CE-II (DPT)	MPMC (GSG)		PE&D (KTK)	SDL III (RSD)		AE-II (PRW)	ICN/DCN/EAM (PPB/KPS/RKM)		C2
4U2	μCA(D)/DSP(A)/SL(B) (KMT/KBK/MLB)			μCA (VSI)	VLSI/SOFC (SPB/VVR)		DSP (VNB)	DCN (KMT)		C4
2M	MOM(B)/FP-I(C)/MP-I(D) (ASB/MBB/PTP)		BREAK	FP-I (MBB)	ET (SQS)	RECESS	MP-I (SPT)	M-III (KPD)	E2	
3M	PT (NHK)	MS (KRG)		PT(D)/MS(A)/TOM-I(B)/ CSA-I(C) (NHK/KRG/KDG/CVP)			HT (MBB)	FO/ICN/DCN/EAM (VVR/PPB/KPS/KDG)		E3
4M	EC-II (SQS)	TE/MECX (SPT/VKT)		IMC (NBB)	AnE (JGK)		MDD-II(C)/EC-II(D)/AnE(A) (ASB/SQS/JGK)			E4
A1			BREAK			RECESS				
A2										
A3										
B1			BREAK			RECESS				
B2										
B3										

(T)\* , \* , T\* - Tutorial, \*\* - Additional,

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

DAY: FRIDAY

CLASS	11.00-12.00	12.00-1.00	1.00-1.15	1.15-2.15	2.15-3.15	3.15-3.45	3.45-4.45	4.45-5.45	ROOM
<b>2S</b>	NA (RZF)	ERG (SRP)	<b>BREAK</b>	EMI (UAJ)	EDC (VMU)	<b>RECESS</b>	M-III (PSD)	--	<b>A2</b>
<b>3S</b>	MPMC (SSJ)	SS (AUJ)		CS-I (GNB)	C-SKILL (SVB)		EM-II (PRB)	--	<b>A3</b>
<b>4S</b>	CS-II (AUJ)	PSOC (RSK)		SGP (PRB)	CMPSA/AI (RKM/XYZ)		PROJECT & SEMINAR		<b>A4</b>
<b>2R</b>	EDC (SBP)B5	M-III (SVY)B5	<b>BREAK</b>	CO (NMK)B5	PM (VSM)B5	<b>RECESS</b>	DS (SDJ)B1	--	<b>B5</b>
<b>3R</b>	FSDP (NMK)	C-Skill (HSP)		DC (DRD)	STLD(T*) (DDN)		SS (CMM)	--	<b>B3</b>
<b>4R</b>	DSP (PVD)	DAA (PKS)		WE (SDJ)	CN (AGG)		DSP(D)/DAA(A)/OOAD(B) (PVD/KPS/DRD)		<b>B1</b>
<b>2N</b>	PM (PVK)B4	DS (SDP)B4	<b>BREAK</b>	M-III (SVY)B4	ENVS (ASA)B4	<b>RECESS</b>	CLAB-I T* (ASM)B4	TEC	<b>B4</b>
<b>3N</b>	OS (SSM)B6	CAO (FIK)B6		CLAB-III T* (AKS)B6	--		MINI PROJECT		<b>B6</b>
<b>4N</b>	DDBMS (FIK)	OOAD (ASM)		WT (MDK)	RTES (SDP)		PROJECT		<b>B2</b>
<b>2U1</b>	I&S (KTK)	M-III (T) (NST)	<b>BREAK</b>	EMF (T) (BPH)	EDC (AND)	<b>RECESS</b>	OOP (VSI)	ENV (RMK)	<b>A1</b>
<b>3U1</b>	AE-II (PRW)	MPMC (T) (MNT)		AE-II(C)/PE&D(D)/MPMC(A)/SDL-III(B) (SGN/VNB/MNT/VVR)			CE-II (DPT)	--	<b>C1</b>
<b>4U1</b>	μCA(T) (DDN)	DSP(T) (PDK)		PROJECT / SEMINAR			PROJECT / SEMINAR		<b>C3</b>
<b>2U2</b>	EDC (AND)E1	SDL I (DLB)E1		OOP (AGS)C1	M-III (NST)C1		EMF (T) (BPH)C3	ENV (ASA)C3	<b>C1/C3</b>
<b>3U2</b>	CE-II (DPT)	MPMC (T) (GSG)		PE&D (KTK)	AE-II (T) (PRW)		AE-II(C)/PE&D(D)/MPMC(A)/SDL-III(B) (KTK/SGN/KMT/VVR)		<b>C2</b>
<b>4U2</b>	DSP(T) (VNB)	μCA(T) (VSI)		PROJECT / SEMINAR			PROJECT / SEMINAR		<b>C4</b>
<b>2M</b>	FP-I (MBB)	MOM (ASB)	<b>BREAK</b>	MOM (ASB)	ET (SQS)	<b>RECESS</b>	ENV (RMK)	M-III (KPD)	<b>E2</b>
<b>3M</b>	TOM-I (VKT)	PT (NHK)		PT(B)/HT(C)/MS(D)/CSA-I(A) (NHK/NGM/KRG/CVP)			HT (MBB)	MS (KRG)	<b>E3</b>
<b>4M</b>	EC-II (SQS)	IMC (NBB)		MDD-II (SSB)	AnE (JGK)		MDD-II(B)/EC-II(C)/AnE(D) (ASB/SQS/KDG)		<b>E4</b>
<b>A1</b>			<b>BREAK</b>			<b>RECESS</b>			
<b>A2</b>									
<b>A3</b>									
<b>B1</b>			<b>BREAK</b>			<b>RECESS</b>			
<b>B2</b>									
<b>B3</b>									

(T)\*, \*, T\* - Tutorial, \*\* - Additional,

**SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON**  
**DAY WISE TIME-TABLE (AUTUMN SEMESTER) 2018-19**

DAY: SATURDAY

CLASS	8:30-9:30	9:30-10:30	10:30-10:45	10:45-11:45	11:45-12:45	ROOM
2S	EVS (RMK)	NA (RZF)	BREAK	EMI (UAJ)	--	A2
3S	--	--		--	--	A3
4S	PROJECT & SEMINAR			PROJECT & SEMINAR		A4
2R	M-III(T*) (SVY)B1	ENVS (ASA) B1	BREAK	DS(T*) (SDJ)B1	C-LAB I (T*) (PVD)B1	B1
3R	SS (CMM)	FSDP(T*) (NMK)		C-Skill (HSP)	--	B3
4R	PROJECT & SEMINAR			PROJECT & SEMINAR		B1
2N	PM (PVK)B4	ALP (PPB)B4	BREAK	ENVS (ASA)B4	TEC	B4
3N	MINI PROJECT			MINI PROJECT		--
4N	PROJECT			TEC		--
2U1	OOP (VSI)	SDL I (VKB)	BREAK	EDC (AND)	ENV (RMK)	A1
3U1	AE-II (T) (PRW)	SDL-III (KBK)		AE-II(D)/PE&D(A)/MPMC(B)/SDL-III(C) (PRW/SGN/MNT/VVR)		C1
4U1	PROJECT / SEMINAR			PROJECT / SEMINAR		C3
2U2	EDC (AND)C2	M-III (T) (NST)C2		I&S (LS)C2	ENV (ASA)C2	C2
3U2	AE-II(D)/PE&D(A)/MPMC(B)/SDL-III(C) (KTK/SGN/KMT/VVR)			--	--	C2
4U2	PROJECT & SEMINAR			PROJECT & SEMINAR		C4
2M	ET (SQS)	ENV (RMK)	BREAK	--	--	E2
3M	--	--		--	--	E3
4M	PROJECT & SEMINAR			MECX(E2)/TE(E1) (VKT/SPT)		E4
A1			BREAK			
A2						
A3						
B1			BREAK			
B2						
B3						

(T)\*, \*, T\* - Tutorial, \*\* - Additional,