

SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, Gudlavalleru – 521356

Krishna District, Andhra Pradesh



Academic Calenders

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

16th December, 2019

CLASS TEST AND MIDTERM EXAMS SCHEDULE (2019-20) II Semester

I B.TECH II SEM

Class Test – I	-	17-02-2020 to 22-02-2020	-	5 th Week
I Mid Term Exam	-	16-03-2020 to 21-03-2020	-	9 th Week
Class Test – II	-	20-04-2020 to 25-04-2020	-	14 th Week
II Mid Term Exam	-	18-05-2020 to 23-05-2020	-	18 th Week

II B.TECH II SEM

Class Test – I	-	06-01-2020 to 11-01-2020	-	6 th Week
I Mid Term Exam	-	03-02-2020 to 08-02-2020	-	10 th Week
Class Test – II	-	09-03-2020 to 14-03-2020	-	15 th Week
II Mid Term Exam	-	06-04-2020 to 11-04-2020	-	19 th Week

III B.TECH II SEM

Class Test – I	-	06-01-2020 to 11-01-2020	-	6 th Week
I Mid Term Exam	-	03-02-2020 to 08-02-2020	-	10 th Week
Class Test – II	-	09-03-2020 to 14-03-2020	-	15 th Week
II Mid Term Exam	-	06-04-2020 to 11-04-2020	-	19 th Week

IV B.TECH II SEM

Class Test – I	-	23-12-2019 to 28-12-2019	-	2 nd Week
Class Test – II	-	06-01-2020 to 11-01-2020	-	4 th Week
I Mid Term Exam	-	10-02-2020 to 15-02-2020	-	9 th Week
Class Test – III	-	24-02-2020 to 29-02-2020	-	11 th Week
Class Test – IV	-	09-03-2020 to 14-03-2020	-	13 th Week
II Mid Term Exam	-	23-03-2020 to 28-03-2020	-	15 th Week


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Seshadri Rao Knowledge Village, Gudlavalleru – 521356, Krishna District (A.P.)

29th August, 2019

CLASS TEST AND MIDTERM EXAMS SCHEDULE (2019-20) I Semester

I B.TECH I SEM

Class Test – I	-	30-09-2019 to 05-10-2019	-	6 th Week
I Mid Term Exam	-	21-10-2019 to 26-10-2019	-	9 th Week
Class Test – II	-	25-11-2019 to 30-11-2019	-	14 th Week
II Mid Term Exam	-	23-12-2019 to 28-12-2019	-	18 th Week

II B.TECH I SEM

Class Test – I	-	03-08-2019 to 10-08-2019	-	6 th Week
I Mid Term Exam	-	26-08-2019 to 31-08-2019	-	9 th Week
Class Test – II	-	28-09-2019 to 05-10-2019	-	14 th Week
II Mid Term Exam	-	28-10-2019 to 02-11-2019	-	18 th Week

III B.TECH I SEM

Class Test – I	-	03-08-2019 to 10-08-2019	-	6 th Week
I Mid Term Exam	-	26-08-2019 to 31-08-2019	-	9 th Week
Class Test – II	-	28-09-2019 to 05-10-2019	-	14 th Week
II Mid Term Exam	-	28-10-2019 to 02-11-2019	-	18 th Week

IV B.TECH I SEM

Class Test – I	-	29-07-2019 to 03-08-2019	-	5 th Week
Class Test – II	-	13-08-2019 to 19-08-2019	-	7 th Week
I Mid Term Exam	-	26-08-2019 to 31-08-2019	-	9 th Week
Class Test – III	-	16-09-2019 to 21-09-2019	-	12 th Week
Class Test – IV	-	09-10-2019 to 15-10-2019	-	15 th Week
II Mid Term Exam	-	28-10-2019 to 02-11-2019	-	18 th Week



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Seshadri Rao Knowledge Village, Gudlavalleru


ACADEMIC CALENDAR

(2019-20)

I B.TECH (2019 Admitted Batch) – I & II SEMESTERS

I B.Tech - I Semester			
Description	From	To	No. of Weeks
Induction & Orientation	07-08-2019	24-08-2019	3 W
Commencement of Class Work	26-08-2019		
I Phase of Instructions	26-08-2019	19-10-2019	8 W
I Midterm Examinations	21-10-2019	26-10-2019	1 W
II Phase of Instructions	28-10-2019	21-12-2019	8 W
II Midterm Examinations	23-12-2019	28-12-2019	1 W
Laboratory Examinations	30-12-2019	04-01-2020	1 W
End Examinations	06-01-2020	18-01-2020	2 W
I B.Tech – II Semester			
Commencement of Class Work	20-01-2020		
I Phase of Instructions	20-01-2020	14-03-2020	8 W
I Midterm Examinations	16-03-2020	21-03-2020	1 W
II Phase of Instructions	23-03-2020	16-05-2020	8 W
II Midterm Examinations	18-05-2020	23-05-2020	1 W
Laboratory Examinations	25-05-2020	30-05-2020	1 W
End Examinations	01-06-2020	13-06-2020	2 W
Summer Break	15-06-2020	27-06-2020	3 W
Commencement of II B.Tech I Semester Class Work	29-06-2020		


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ACADEMIC CALENDAR

(2019-20)

II B.TECH (2018 Admitted Batch) – I & II SEMESTERS

II B.Tech - I Semester			
Description	From	To	No. of Weeks
Commencement of Class Work	01-07-2019		
I Phase of Instruction	01-07-2019	24-08-2019	8 W
I Midterm Examinations	26-08-2019	31-08-2019	1 W
II Phase of Instruction	02-09-2019	26-10-2019	8 W
II Midterm Examinations	28-10-2019	02-11-2019	1 W
Laboratory Examinations	04-11-2019	09-11-2019	1 W
Semester End Examinations	11-11-2019	23-11-2019	2 W
Winter Break	25-11-2019	30-11-2019	1 W
II B.Tech – II Semester			
Commencement of Class Work	02-12-2019		
I Phase of Instruction	02-12-2019	01-02-2020	9W
I Midterm Examinations	03-02-2020	08-02-2020	1W
II Phase of Instruction	10-02-2020	04-04-2020	8W
II Midterm Examinations	06-04-2020	11-04-2020	1W
Laboratory Examinations	13-04-2020	18-04-2020	1W
Semester End Examinations	20-04-2020	02-05-2020	2W
Summer Break	04-05-2020	27-06-2020	8W
Commencement of III B.Tech I Semester Class Work	29-06-2020		


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ACADEMIC CALENDAR

(2019-20)

III B.TECH (2017 Admitted Batch) – I & II SEMESTERS

III B.Tech - I Semester			
Description	From	To	No. of Weeks
Commencement of Class Work	01-07-2019		
I Phase of Instruction	01-07-2019	24-08-2019	8 W
I Midterm Examinations	26-08-2019	31-08-2019	1 W
II Phase of Instruction	02-09-2019	26-10-2019	8 W
II Midterm Examinations	28-10-2019	02-11-2019	1 W
Laboratory Examinations	04-11-2019	09-11-2019	1 W
Semester End Examinations	11-11-2019	23-11-2019	2 W
Winter Break	25-11-2019	30-11-2019	1 W
III B.Tech – II Semester			
Commencement of Class Work	02-12-2019		
I Phase of Instruction	02-12-2019	01-02-2020	9W
I Midterm Examinations	03-02-2020	08-02-2020	1W
II Phase of Instruction	10-02-2020	04-04-2020	8W
II Midterm Examinations	06-04-2020	11-04-2020	1W
Laboratory Examinations	13-04-2020	18-04-2020	1W
Semester End Examinations	20-04-2020	02-05-2020	2W
Summer Break	04-05-2020	27-06-2020	8W
Commencement of IV B.Tech I Semester Class Work	29-06-2020		


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ACADEMIC CALENDAR

(2019-20)

IV B.TECH (2016 Admitted Batch) – I & II SEMESTERS

IV B.Tech - I Semester			
Description	From	To	No. of Weeks
Commencement of Class Work	01-07-2019		
I Phase of Instruction	01-07-2019	24-08-2019	8 W
I Midterm Examinations	26-08-2019	31-08-2019	1 W
II Phase of Instruction	02-09-2019	26-10-2019	8 W
II Midterm Examinations	28-10-2019	02-11-2019	1 W
Laboratory Examinations	04-11-2019	09-11-2019	1 W
Semester End Examinations	11-11-2019	23-11-2019	2 W
Winter Break	25-11-2019	28-12-2019	5 W
IV B.Tech – II Semester			
Commencement of Class Work	30-12-2019		
I Phase of Instruction	30-12-2019	08-02-2020	6 W
I Midterm Examinations and IPT/Project Work First Review	10-02-2020	15-02-2020	1 W
II Phase of Instructions	17-02-2020	21-03-2020	5 W
II Midterm Examinations and IPT/Project Work Second Review	23-03-2020	28-03-2020	1 W
Semester End Examinations and IPT and Project Viva-Voce Examinations	30-03-2020	08-04-2020	1.5 W


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REVISED ACADEMIC CALENDAR (2019-20)

IV B.Tech II Semester (2016 Admitted Batch)

IV B.Tech – II Semester			
Commencement of Class Work	16-12-2019		
I Phase of Instruction	16-12-2019	18-01-2020	5 W
Break	20-01-2020	08-02-2020	3 W
I Midterm Examinations and IPT/Project Work First Review	10-02-2020	15-02-2020	1 W
II Phase of Instruction	17-02-2020	21-03-2020	5 W
II Midterm Examinations and IPT/Project Work Second Review	23-03-2020	28-03-2020	1 W
Semester End Examinations and IPT and Project Viva-Voce Examinations	30-03-2020	11-04-2020	2 W


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ACADEMIC CALENDAR

(2019-20)

M.Tech (2019 Admitted Batch) – I & II SEMESTERS

M.Tech - I Semester			
Description	From	To	Weeks
Induction	30-09-2019		
I Phase of Instruction	30-09-2019	23-11-2019	8 W
I Midterm Examinations	25-11-2019	30-11-2019	1 W
II Phase of Instruction	02-12-2019	25-01-2020	8 W
II Midterm Examinations	27-01-2020	01-02-2020	1 W
Semester End Laboratory and Theory Examinations	03-02-2020	22-02-2020	3 W
Commencement of M.Tech II Semester Class Work	24-02-2020		
M.Tech – II Semester			
Commencement of Class Work	24-02-2020		
I Phase of Instruction	24-02-2020	18-04-2020	8 W
I Midterm Examinations	20-04-2020	25-04-2020	1 W
II Phase of Instruction	27-04-2020	16-05-2020	3 W
Summer Break	18-05-2020	13-06-2020	4 W
II Phase of Instruction (Contd..)	15-06-2020	18-07-2020	5 W
II Midterm Examinations	20-07-2020	25-07-2020	1 W
Semester End Laboratory and Theory Examinations	27-07-2020	15-08-2020	3 W
Commencement of M.Tech III Semester	17-08-2020		


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ACADEMIC CALENDAR

(2019-20)

M.Tech (2018 Admitted Batch) – III & IV SEMESTERS

M.Tech - III Semester			
Description	From	To	Weeks
Commencement of M.Tech III Semester	22-07-2019		
Term Paper Registration	22-07-2019	27-07-2019	1W
Project Work Registration & Approval	29-07-2019	10-08-2019	2W
First Review of Project Work	04-11-2019	09-11-2019	1W
Submission of Term Paper	11-11-2019	16-11-2019	1W
Term Paper Presentation & Viva-Voce Examination	18-11-2019	23-11-2019	1W
M.Tech - IV Semester			
Commencement of M.Tech IV Semester	25-11-2019		
Second Review of Project Work	20-01-2020	25-01-2020	1W
Third and Final Review of Project Work	13-04-2020	18-04-2020	1W
Submission of Project Work Thesis	20-04-2020	16-05-2020	4W


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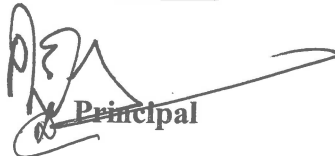
ACADEMIC CALENDAR

(2019-20)

MBA (2019 Admitted Batch) – I & II SEMESTERS

MBA - I Semester			
Description	From	To	Weeks
Induction and Orientation	05-09-2019	07-09-2019	
Commencement of Class Work	09-09-2019		
I Phase of Instruction	09-09-2019	02-11-2019	8 W
I Midterm Examinations	04-11-2019	09-11-2019	1 W
II Phase of Instruction	11-11-2019	04-01-2020	8 W
II Midterm Examinations	06-01-2020	11-01-2020	1 W
Laboratory Examinations	13-01-2020	18-01-2020	1 W
Semester End Examinations	20-01-2020	01-02-2020	2 W
Commencement of MBA II Semester Class Work	03-02-2020		
MBA – II Semester			
Commencement of Class Work	03-02-2020		
I Phase of Instruction	03-02-2020	28-03-2020	8 W
I Midterm Examinations	30-03-2020	04-04-2020	1 W
II Phase of Instruction	06-04-2020	16-05-2020	6 W
Summer Break	18-05-2020	20-06-2020	5 W
II Phase of Instruction	22-06-2020	04-07-2020	2 W
II Midterm Examinations	06-07-2020	11-07-2020	1 W
Semester End Examinations	13-07-2020	25-07-2020	2 W
Commencement of MBA III Semester	27-07-2020		


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ACADEMIC CALENDAR

(2019-20)

MBA (2018 Admitted Batch) – III & IV SEMESTERS

MBA - III Semester			
Description	From	To	Weeks
Commencement of Class Work	01-07-2019		
I Phase of Instruction	01-07-2019	24-08-2019	8 W
I Midterm Examinations	26-08-2019	31-08-2019	1 W
II Phase of Instruction	02-09-2019	26-10-2019	8 W
II Midterm Examinations	28-10-2019	02-11-2019	1 W
Semester End Examinations	04-11-2019	23-11-2019	3W
Commencement of MBA IV Semester Class Work	25-11-2019		
MBA – IV Semester			
Commencement of Class Work	25-11-2019		
Project Work	25-11-2019	04-01-2020	6 W
I Unit of Instruction	06-01-2020	15-02-2020	6 W
I Midterm Examinations	17-02-2020	22-02-2020	1 W
II Unit of Instruction	24-02-2020	04-04-2020	6 W
II Midterm Examinations	06-04-2020	11-04-2020	1 W
Semester End Examinations	13-04-2020	25-04-2020	2 W


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JUNE - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Saturday	1					
Sunday	2	Holiday				
Monday	3					
Tuesday	4					
Wednesday	5	RAMZAN				
Thursday	6					
Friday	7					
Saturday	8	2 nd Saturday				
Sunday	9	Holiday				
Monday	10					
Tuesday	11					
Wednesday	12					
Thursday	13					
Friday	14					
Saturday	15					
Sunday	16	Holiday				
Monday	17					
Tuesday	18					
Wednesday	19					
Thursday	20					
Friday	21					
Saturday	22					
Sunday	23	Holiday				
Monday	24					
Tuesday	25					
Wednesday	26					
Thursday	27					
Friday	28					
Saturday	29	Summer Break Ends	Summer Break Ends	Summer Break Ends		
Sunday	30	Holiday				

JULY - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Monday	1		I Phase of Instruction Begins	I Phase of Instruction Begins	I Phase of Instruction Begins	
Tuesday	2					
Wednesday	3					
Thursday	4		1	1	1	
Friday	5					
Saturday	6					
Sunday	7	Holiday				
Monday	8					
Tuesday	9		2	2	2	
Wednesday	10	ESCON EVENT - II, III & IV B.Tech (EEE Dept.)				
Thursday	11					
Friday	12					
Saturday	13	2 nd Saturday				
Sunday	14	Holiday				
Monday	15					
Tuesday	16					
Wednesday	17					
Thursday	18		3	3	3	
Friday	19		Workshop - II B.Tech (EEE Dept.)	A) Guest lecture on "Smart Sensors and Actuators using MEMS and VLSI Technology" - III B.Tech (ECE Dept.) B) Adjunct Faculty Programme 19th & 20th July, 2019 - III B.Tech (EEE Dept.)		
Saturday	20					
Sunday	21	Holiday				
Monday	22					
Tuesday	23		4	4	4	
Wednesday	24		ESCON EVENT - II & III B.Tech (EEE Dept.)		A) ESCON EVENT - IV B.Tech (EEE Dept.) B) Coding Program on "TEK HACK GEC-2019" - IV B.Tech (CSE Dept.)	
Thursday	25				Coding Program - IV B.Tech (CSE Dept.)	
Friday	26		Certificate program on "Python programming with IoT applications" - II B.Tech (ECE Dept.)			
Saturday	27					
Sunday	28	Holiday				
Monday	29		Guest lecture on "Electronic Devices" - II B.Tech (ECE Dept.)		Class Test - I Begins	
Tuesday	30		5	5	5	
Wednesday	31			Workshop on Android Mobile Application Development - III B.Tech (IT Dept.)		

AUGUST - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Thursday	1			Workshop on Android Mobile Application Development - III B.Tech (IT Dept.)		
Friday	2					
Saturday	3		Class Test - I Begins	Class Test - I Begins	Class Test - I Ends	
Sunday	4	Holiday				
Monday	5					
Tuesday	6					
Wednesday	7	Induction & Orientation Begins	6	6	6	
Thursday	8	ESCON EVENT - II, III & IV B.Tech (EEE Dept.)				
Friday	9					
Saturday	10	2 nd Saturday	Class Test - I Ends	Class Test - I Ends	2 nd Saturday	
Sunday	11	Holiday				
Monday	12	BAKRID				
Tuesday	13				Class Test - II Begins	
Wednesday	14		7	7	7	
Thursday	15	INDEPENDENCE DAY				
Friday	16					
Saturday	17	Career guidance program on "Preparing for campus placements & Higher studies" - I B.Tech (IT Dept.)		Career guidance program on "Preparing for campus placements & Higher studies" - III B.Tech (IT Dept.)		
Sunday	18	Holiday				
Monday	19	Technical Quiz - I B.Tech (IT Dept.)	Technical Quiz, Workshop on "Ethical Hacking & Malware Analysis" - II & III B.Tech (IT Dept.)		Class Test - II Ends	
Tuesday	20		Workshop on "Ethical Hacking & Malware Analysis" - II & III B.Tech (IT Dept.)			
Wednesday	21	ESCON EVENT - II, III & IV B.Tech (EEE Dept.)				
Thursday	22		8	8	8	
Friday	23	SRI KRISHNA ASTAMI				
Saturday	24	Induction & Orientation Ends	I Phase of Instruction Ends	I Phase of Instruction Ends	I Phase of Instruction Ends	
Sunday	25	Holiday				
Monday	26	I Phase of Instruction Begins	I Midterm Examination Begins	I Midterm Examination Begins	I Midterm Examination Begins	
Tuesday	27					
Wednesday	28					
Thursday	29	1	9	9	9	
Friday	30					
Saturday	31		I Midterm Examination Ends	I Midterm Examination Ends	I Midterm Examination Ends	

SEPTEMBER - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Sunday	1	Holiday				
Monday	2	VINAYAKA CHAVITHI				
Tuesday	3		II Phase of Instruction Begins A) Workshop Begins on "Fundamentals in Game Development using Unity3D & C#" - II B.Tech (CSE Dept.)	II Phase of Instruction Begins	II Phase of Instruction Begins	
Wednesday	4		Two Workshop on PCB Design Workshop - II B.Tech (ECE Dept.)			
Thursday	5	2				
Friday	6		10	10	10	
Saturday	7					
Sunday	8	Holiday	Workshop Ends - II B.Tech (CSE Dept.)	Holiday		
Monday	9		11	Adjunct Faculty Phase 2 - III B.Tech (EEE Dept.)	11	
Tuesday	10	MOHARAM				
Wednesday	11	3	ESCON Event - II B.Tech (EEE Dept.)	A) ESCON Event - III B.Tech (EEE Dept.) B) Workshop Begins Advanced Python - III B.Tech (CSE Dept.)	ESCON Event - IV B.Tech (EEE Dept.)	
Thursday	12	Essay Writing Competition - I B.Tech (ECE Dept.)	A) ESCON Event (Engineers Day) - II B.Tech (EEE Dept.) B) Essay Writing Competition - II B.Tech (ECE Dept.)	11 A) ESCON Event (Engineers Day) - III B.Tech (EEE Dept.) B) Debate - III B.Tech (ECE Dept.)	A) ESCON Event (Engineers Day) - IV B.Tech (EEE Dept.) B) Debate - IV B.Tech (ECE Dept.) C) Workshop Begins "Data Science and Big Data Analytics" by ICT Academy (CSE Dept.)	
Friday	13		Code Rush, Debate & Essay Writing Competitions - II B.Tech (IT Dept.)	A) Workshop Ends - III B.Tech (CSE Dept.) B) Code Rush, Debate & Essay Writing Competitions - IV B.Tech (IT Dept.)	Code Rush, Debate & Essay Writing Competitions - IV B.Tech (IT Dept.)	
Saturday	14	2 nd Saturday				
Sunday	15	Holiday			Workshop Ends - IV B.Tech (CSE Dept.)	
Monday	16			Three day workshop on Development of Embedded Hardware Models - III B.Tech (ECE Dept.)	Class Test - III Begins	
Tuesday	17	4			Workshop Begins "Game Development on Buildbox" - IV B.Tech (CSE Dept.)	
Wednesday	18		12	12	12	
Thursday	19		ESCON EVENT - II & III B.Tech (EEE Dept.)		A) ESCON EVENT - IV B.Tech (EEE Dept.) B) Workshop Ends - IV B.Tech (CSE Dept.)	
Friday	20					
Saturday	21	Project Exhibition Competition - I, II & III B.Tech (ECE Dept.)			Class Test - III Ends	
Sunday	22	Holiday				
Monday	23				Workshop Begins Salesforce ADX-201 - IV B.Tech (CSE Dept.)	
Tuesday	24					
Wednesday	25	5	13	13	13	
Thursday	26					
Friday	27					
Saturday	28		Class Test - II Begins	Class Test - II Begins	Workshop Ends - IV B.Tech (CSE Dept.)	
Sunday	29	Holiday				
Monday	30					

OCTOBER - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Tuesday	1					
Wednesday	2	MAHATMA GANDHI JAYANTHI				
Thursday	3	6	14	14	14	
Friday	4					
Saturday	5		Class Test - II Ends	Class Test - II Ends		
Sunday	6	Holiday				
Monday	7					
Tuesday	8	VUJAYADASAMI				
Wednesday	9	7	15	15	Class Test - IV Begins	
Thursday	10				15	
Friday	11					
Saturday	12	2 nd Saturday				
Sunday	13	Holiday				
Monday	14					
Tuesday	15				Class Test - IV Ends	
Wednesday	16					
Thursday	17	8	16	16	16	
Friday	18					
Saturday	19	I Phase of Instruction Ends				
Sunday	20	Holiday				
Monday	21	I Midterm Examination Begins				
Tuesday	22					
Wednesday	23	9	17	17	17	
Thursday	24					
Friday	25	QUIZ on 'C' Basics - II, III & IV B.Tech (ECE Dept.)				
Saturday	26	I Midterm Examination Ends	II Phase of Instruction Ends	II Phase of Instruction Ends	II Phase of Instruction Ends	
Sunday	27	Holiday				
Monday	28	II Phase of Instruction Begins	II Midterm Examination Begins	II Midterm Examination Begins	II Midterm Examination Begins	
Tuesday	29					
Wednesday	30	10	18	18	18	
Thursday	31					

NOVEMBER - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Friday	1					
Saturday	2		II Midterm Examination Ends	II Midterm Examination Ends	II Midterm Examination Ends	
Sunday	3	Holiday				
Monday	4		Laboratory Examinations Begins	Laboratory Examinations Begins	Laboratory Examinations Begins	
Tuesday	5					
Wednesday	6	11				
Thursday	7					
Friday	8		Laboratory Examinations Ends	Laboratory Examinations Ends	Laboratory Examinations Ends	
Saturday	9	2 nd Saturday				
Sunday	10	Holiday				
Monday	11		End Examination Begins	End Examination Begins	End Examination Begins	
Tuesday	12					
Wednesday	13					
Thursday	14	12				
Friday	15					
Saturday	16					
Sunday	17	Holiday				
Monday	18					
Tuesday	19					
Wednesday	20	13				
Thursday	21					
Friday	22					
Saturday	23		End Examination Ends	End Examination Ends	End Examination Ends	
Sunday	24	Holiday				
Monday	25		Winter Break Begins	Winter Break Begins	Winter Break Begins	
Tuesday	26					
Wednesday	27	14				
Thursday	28					
Friday	29					
Saturday	30		Winter Break Ends	Winter Break Ends		

DECEMBER - 2019

Day	Date	B.Tech				Other Programmes
		I B.Tech I Sem	II B.Tech I Sem	III B.Tech I Sem	IV B.Tech I Sem	
Sunday	1	Holiday				
Monday	2					
Tuesday	3					
Wednesday	4	15				
Thursday	5					
Friday	6					
Saturday	7					
Sunday	8	Holiday				
Monday	9					
Tuesday	10	16		Three day workshop on Development of Embedded Hardware Models - III B.Tech (ECE Dept.)		
Wednesday	11					
Thursday	12					
Friday	13					
Saturday	14	2 nd Saturday				
Sunday	15	Holiday				
Monday	16					
Tuesday	17		Two day workshop on PCB Design - II B.Tech (ECE Dept.)			
Wednesday	18					
Thursday	19	17		Five day workshop on Verilog Programming - III B.Tech (ECE Dept.)		
Friday	20					
Saturday	21	II Phase of Instruction Ends				
Sunday	22	Holiday				
Monday	23	II Midterm Examination Begins	Two day workshop on Internet of things - II B.Tech (ECE Dept.)			
Tuesday	24					
Wednesday	25	CHRISTMAS				
Thursday	26	18				
Friday	27					
Saturday	28	II Midterm Examination Ends			Winter Break Ends	
Sunday	29	Holiday				
Monday	30	Laboratory Examinations Begins				
Tuesday	31					

JANUARY - 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II	II B.Tech II	III B.Tech II	IV B.Tech II Sem	
Wednesday	1					
Thursday	2					
Friday	3					
Saturday	4	Laboratory Examinations Ends				
Sunday	5	Holiday				
Monday	6	End Examination Begins	Class Test - I Begins	Class Test - I Begins	Class Test - I Begins	Race Event by CIVIL
Tuesday	7					
Wednesday	8				Class Test - I ECE Ends	
Thursday	9					
Friday	10					
Saturday	11	2 nd Saturday (Working Day)	Class Test - I Ends	Class Test - I Ends	Class Test - I Ends	2nd Saturday (Working Day)
Sunday	12	Holiday (Working Day)				
Monday	13	Holiday				
Tuesday	14	BHOGI				
Wednesday	15	SANKRANTHI				
Thursday	16	KANUMA				
Friday	17	Holiday				
Saturday	18	End Examination Ends			I Phase of Instruction Ends	Holiday
Sunday	19	Holiday				
Monday	20	I Phase of Instruction Begins			Break Begins	
Tuesday	21					
Wednesday	22		ESCON Event - II,III,IV - B.tech			Class Test II for IV ECE
Thursday	23					
Friday	24				End of Class Test II for IV ECE	Inter Department Technical Paper Contest(IT)
Saturday	25					
Sunday	26	Holiday (REPUBLIC DAY)				
Monday	27					
Tuesday	28			CIVIL Engineering Software's		MEA Activities/General Aptitude
Wednesday	29					
Thursday	30					
Friday	31					

FEBRUARY - 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II	II B.Tech II	III B.Tech II	IV B.Tech II Sem	
Saturday	1		I Phase of Instruction Ends	I Phase of Instruction Ends		
Sunday	2	Holiday				
Monday	3		I Midterm Examination Begins	I Midterm Examination Begins	Training on Amazon web services Begins IV- II	FDP on EFFECTS OF SOIL STRUCTURE ON STRUCTURES AGAINST STATIC AND DYNAMIC LOADS
Tuesday	4	MEA ACTIVITIES/ PICTONARY				
Wednesday	5					
Thursday	6		ISF conducted Two day workshop on "Embedded System Design" for II B.Tech ECE students			
Friday	7		An event conducted by ECSSA FIND ME for B.Tech ECE Students		Training on Amazon web services Ends	
Saturday	8	2 nd Saturday	I Midterm Examination Ends	I Midterm Examination Ends	Break Ends	
Sunday	9	Holiday				
Monday	10		II Phase of Instruction Begins	II Phase of Instruction Begins	I Midterm Examination Begins	
Tuesday	11					MEA ACTIVITIES/ Technical JAM
Wednesday	12					
Thursday	13					
Friday	14					An event conducted by ECSSA Periodic Test for B.Tech ECE students IV B.Tech.
Saturday	15			Civil A Overview on Inter Linking of Rivers-III Btech, CE	I Midterm Examination Ends	
Sunday	16	Holiday				
Monday	17	Class Test - I Begins			II Phase of Instruction Begins	An event conducted by ISF Programming Ability for II and III B.Tech ECE students Start of II Phase of Instruction for IV B.Tech.
Tuesday	18		ESCON SDP			
Wednesday	19		ESCON SDP			
Thursday	20		ESCON SDP			
Friday	21	MAHA SIVARATRI				
Saturday	22	Class Test - I Ends				
Sunday	23	Holiday				
Monday	24		Event conducted by ECSSA TUNE IN for B.Tech ECE students		Class Test - III Begins	Guest Lecture- ME
Tuesday	25		Event conducted by IE BRAIN TEASERS for B.Tech ECE students			MEA Activities/ Technical Aptitude
Wednesday	26					
Thursday	27	RACE EVENT - II, III, IV Btech				
Friday	28					MEA Activities/Dumb See
Saturday	29				Class Test - III Ends	

MARCH - 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II Sem	II B.Tech II Sem	III B.Tech II Sem	IV B.Tech II Sem	
Sunday	1	Holiday				
Monday	2	One day workshop on "Developing of				
Tuesday	3		MEA/Modeling using ProG CAD	MEA/Modeling Using CATIA		RACE EVENT - II, III, IV Btech
Wednesday	4		RACE EVENT - II, III, IV Btech			ESCON Event - II,III,IV - B.Tech
Thursday	5					
Friday	6					
Saturday	7			Guest lecture on Experiences of building IT-Based Systems to Deliver Actionable Agricultural Information to Indian Farmers III-II		
Sunday	8	Holiday				
Monday	9		Class Test - II Begins	Class Test - II Begins	Class Test - II Begins	RACE EVENT - II, III, IV Btech
Tuesday	10	HOLI				
Wednesday	11		RACE EVENT - II, III, IV Btech	GUESTLECTURE- ME	RACE EVENT - II, III, IV Btech	SDP on Advanced Python Programming
Thursday	12		SDP on Advanced Python Programming			
Friday	13					
Saturday	14	I Phase of Instruction Ends	Class Test - II Ends	Class Test - II Ends	Class Test - II Ends	2 nd Saturday
Sunday	15	Holiday				
Monday	16	I Midterm Examination Begins				
Tuesday	17					
Wednesday	18		ESCON Event - II,III,IV - B.Tech			
Thursday	19					
Friday	20					
Saturday	21	I Midterm Examination Ends			II Phase of Instruction Ends	
Sunday	22	Holiday				
Monday	23	II Phase of Instruction Begins			II Midterm Examination Begins	FDP on Data Science & Data Analytics through Python & R Programming IT
Tuesday	24					
Wednesday	25	UGADI				
Thursday	26					
Friday	27					FDP on Data Science & Data Analytics through Python & R Programming IT
Saturday	28				II Midterm Examination Ends & IPT/Project Work Second Review for IV B.Tech. ECE	
Sunday	29	Holiday				
Monday	30				End Examination Begins	IPT and Project Viva-Voce Examinations for IV B.Tech. ECE
Tuesday	31					

APRIL - 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II Sem	II B.Tech II Sem	III B.Tech II Sem	IV B.Tech II Sem	
Wednesday	1					FDP on Data Science & Data Analytics through Python & R Programming -IT
Thursday	2	SRI RAMA NAVAMI				
Friday	3					
Saturday	4		II Phase of Instruction Ends	II Phase of Instruction Ends		
Sunday	5	Holiday (BABU JAGIVAN RAM'S BIRTHDAY)				
Monday	6		II Midterm Examination Begins	II Midterm Examination Begins		
Tuesday	7					
Wednesday	8					
Thursday	9					
Friday	10	GOOD FRIDAY				
Saturday	11	2 nd Saturday	II Midterm Examination Ends	II Midterm Examination Ends	End Examination Ends	2 nd Saturday
Sunday	12	Holiday				
Monday	13		Laboratory Examinations Begins	Laboratory Examinations Begins		
Tuesday	14	Dr.B.R.AMBEDKAR JAYANTHI				
Wednesday	15					
Thursday	16					
Friday	17					
Saturday	18		Laboratory Examinations Ends	Laboratory Examinations Ends		
Sunday	19	Holiday				
Monday	20	Class Test - II Begins	End Examination Begins	End Examination Begins		
Tuesday	21					
Wednesday	22					
Thursday	23					
Friday	24					
Saturday	25	Class Test - II Ends				
Sunday	26	Holiday				
Monday	27					
Tuesday	28					
Wednesday	29					
Thursday	30					

MAY - 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II Sem	II B.Tech II Sem	III B.Tech II Sem	IV B.Tech II Sem	
Friday	1					
Saturday	2		End Examination Ends	End Examination Ends		
Sunday	3	Holiday				
Monday	4		Summer Break Begins	Summer Break Begins		
Tuesday	5			Learnthon program in association with ICT		
Wednesday	6					
Thursday	7					
Friday	8					
Saturday	9	2 nd Saturday				
Sunday	10	Holiday				
Monday	11			Learnthon program in association with ICT academy-IT		
Tuesday	12					
Wednesday	13					
Thursday	14					
Friday	15					
Saturday	16	II Phase of Instruction Ends				
Sunday	17	Holiday				
Monday	18	II Midterm Examination Begins		Learnthon program in association with ICT academy_IT		
Tuesday	19					
Wednesday	20					
Thursday	21					
Friday	22					
Saturday	23	II Midterm				
Sunday	24	Holiday (RAMZAN)				
Monday	25	Laboratory Examinations Begins		Learnthon program in association with ICT academy-IT	ONE WEEK FDP on CIVIL ENGINEERING RESEARCH—A STEP FORWARD - CIVIL	
Tuesday	26					
Wednesday	27					
Thursday	28					
Friday	29					
Saturday	30	Laboratory Examinations Ends				
Sunday	31	Holiday				

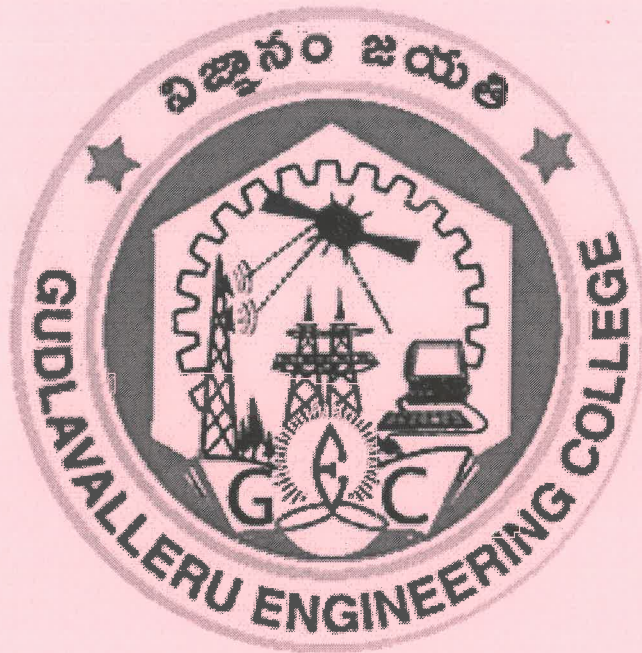
JUNE 2020

Day	Date	B.Tech				Other Programmes
		I B.Tech II Sem	II B.Tech II Sem	III B.Tech II Sem	IV B.Tech II Sem	
Monday	1	End Examination Begins				
Tuesday	2					
Wednesday	3					
Thursday	4					
Friday	5					
Saturday	6					
Sunday	7	Holiday				
Monday	8					
Tuesday	9					
Wednesday	10					
Thursday	11					
Friday	12					
Saturday	13	End Examination Ends	2 nd Saturday			
Sunday	14	Holiday				
Monday	15	Summer Break Begins				
Tuesday	16					
Wednesday	17					
Thursday	18					
Friday	19					
Saturday	20					
Sunday	21	Holiday				
Monday	22					
Tuesday	23					
Wednesday	24					
Thursday	25					
Friday	26					
Saturday	27	Summer Break Ends	Summer Break Ends	Summer Break Ends		
Sunday	28	Holiday				
Monday	29		I Phase Begins	I Phase Begins		
Tuesday	30					

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village:: Gudlavalleru



Academic Calendar Deviations 2019-20

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU - 521 356.

Department of Electronics & Communication Engineering

ACADEMIC YEAR: 2019-20 (II-Semester)

DEVIATIONS IN ACADEMIC CALENDAR

Sl. No	Name of the Event	Scheduled Date	Conducted Date	Reasons for Deviation
1	One day workshop on "Developing of Electronic Circuits" for I B.Tech ECE Students	02/03/2020	5/3/2020	Due to Non-Availability of Resource Person
2	ISF conducted Two day workshop on "Embedded System Design" for II B.Tech ECE students / An event conducted by ECSSAt FIND ME for B.Tech ECE Students	6/02/2020 & 7/02/2020	18/2/20 & 19/2/20	Due to Non-Availability of Resource Person & Venues

for 
HoD

GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU - 521 356.

Department of Electronics & Communication Engineering

ACADEMIC YEAR: 2019-20 (I-Semester)

DEVIATIONS IN ACADEMIC CALENDAR

Sl. No	Name of the Event	Scheduled Date	Conducted Date	Reasons for Deviation
1	Guest lecture on "Electronic Devices"	29th July, 2019	3rd August, 2019	Due to Non-availability of Resource persons
2	QUIZ on 'C' Basics	25th October, 2019	21st October, 2019	Due to change of date requested by students because of venue non-availability.
3	I B.Tech.-II Sem. MID-II Examinations	23rd December 2019 to 28th December 2019	30th December 2019 to 5th January 2020	Due to NBA visit
4	IV B.Tech-I Sem. MID -I Examinations	26th August, 2019 to 31st August, 2019	5th September, 2019 to 11th September 2019	Due to Placement Activities


HoD

Dept. of Electronics & Communication Engineering
Gudlavalleru Engineering College
Seshadri Rao Knowledge Village
GUDLAVALLERU-521 356

SESHDRI RAO GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)
Seshadri Rao Knowledge Village, Gudlavalleru – 521 356.

**Department of Electronics and Communication
Engineering**



Teaching Plans

Linear Integrated Circuits Applications

Topic	No. of Periods	
	Theory	Tutorial
UNIT –1: Operational Amplifier		
Schematic symbol	1	2
Ideal and Practical op-amp specifications	1	
Equivalent Circuit	1	
IC 741 pin configuration and internal circuit	1	
DC and AC Characteristics	3	
UNIT – 2: Applications of OP- AMP		
Inverting Amplifier: open loop and Closed loop voltage gain	1	2
Non- Inverting Amplifier: open loop and Closed loop voltage gain, voltage follower.	2	
Summing amplifier	2	
Difference amplifier	1	
Integrator, differentiator	2	
Instrumentation Amplifier	1	
Precision Rectifiers: Half Wave Rectifiers and Full Wave Rectifiers	2	
UNIT – 3: Comparators and Waveform Generators		
Inverting and non-inverting, zero crossing detector	2	2
Schmitt trigger and its design	2	
Square wave generator	1	
Triangular wave generator	1	
IC 555 Timer-pin diagram, functional description	1	
Monostable multivibrator design	2	
Astable Multivibrator design	2	
UNIT – 4: Active Filters		
RC active filters	1	2
Transformation	1	
Design of first and second order low-pass	2	
Design of first and second order high-pass	2	
Design of band pass-pass	1	
UNIT – 5: Voltage Regulators and Phase-Locked Loops		
Series op-amp regulator	1	2
IC voltage regulators	1	
723 general purpose regulator	2	
Switching regulator	2	
Design of regulated power supply using 3-terminal and 723 ICs	1	
Phase-Locked Loops (PLLs) – basic principles	1	
phase detector/comparator	1	
Voltage Controlled Oscillator (VCO)	1	
Low-pass filter.	1	
UNIT – 6: D/A & A/D Converters		
Basic DAC technique	1	2
Weighted resistor DAC,R-2R DAC	2	
A-D converters: flash ADC, Counter type ADC, servo tracking ADC ,SAR	3	
Specifications of ADC/DAC.	1	
Total No. of Periods:	53	12

Antennas and Wave Propagation

Topic	No. of Periods
UNIT –1: Antenna Fundamentals	
Basic concepts and antenna parameters	1
Radiation Pattern	1
Beam width and Beam area	1
Radiation intensity, Beam solid angle	1
Beam efficiency, Directivity and Gain	1
Resolution, Aperture concepts and types	1
Polarization	1
Efficiency, Equivalent areas	1
Radiation Resistance, Effective height, antenna temperature	1
Relation between Maximum Directivity and effective area	1
Antenna theorems	1
UNIT – 2: Radiation Mechanism	
Retarded potentials	1
radiation from small dipole, quarter wave monopole and half wave dipole	2
current distribution, electric and magnetic field components	3
radiated power, radiation resistance	1
directivity and aperture area	1
UNIT – 3: Antenna Arrays	
Two element arrays – different cases	1
Arrays of Two Point Sources- Equal amplitude and phase	2
Equal amplitude and opposite phase	2
Arrays of N isotropic point sources of equal amplitude and spacing	2
Broad-side array and End-Fire array-characteristics and comparison	3
Principle of pattern multiplication	1
Binomial array	1
UNIT – 4: Non-Resonant Radiators, VHF and UHF Antennas	
Travelling wave radiators – basic concepts	1
V-Antenna, Rhombic Antenna construction details, design considerations,	2
Arrays with parasitic elements, Folded Dipole and Yagi-Uda	2

Antenna	
Helical Antenna	1
UNIT – 5: Microwave Antennas	
Plane sheet and corner reflectors	1
Paraboloidal reflectors – characteristics	2
Types of feeds, spill over, aperture blocking, offset feed and cassegrain feeds	2
Horn antennas – types, characteristics, optimum horns	2
Lens antennas – features, dielectric and metal plate lenses and applications.	2
UNIT – 6: Wave Propagation	
Introduction, factors involved in wave propagation	1
Ground wave propagation – characteristics, wave tilt, flat earth considerations	2
Ionosphere – formation of layers and mechanism of propagation, reflection and refraction mechanisms	2
Critical frequency, Maximum Usable Frequency (MUF) and optimum frequency	2
Skip distance and virtual height	2
Space wave propagation - m curves and duct propagation	2
Tropospheric scattering.	1
Total No. of Periods:	58

Principles of VLSI Design

Topic Name	No. of hours (unit wise)	No. of Hours
Unit-I: MOS Transistor Theory		
Brief history	8	1
VLSI Design Flow		1
Ideal I-V Characteristics		1
C-V Characteristics:		1
Simple MOS Capacitance Models		2
Non-ideal I-V Effects:		
Velocity Saturation and Mobility Degradation		
Channel Length Modulation		
Body Effect		
Subthreshold Conduction		
Junction Leakage		
DC Transfer Characteristics:		2

Static CMOS Inverter DC Characteristics		
Beta Ratio Effects		
Noise Margin		
Pass Transistor DC Characteristics		
Switch-Level RC Delay Models		1
Unit-II: CMOS Processing Technology		
CMOS Technologies:		
Background		
Wafer Formation		
Photolithography		
Well and Channel formation		
Silicon Dioxide (SiO ₂)		2
Isolation		
Gate Oxide		
Gate and Source/Drain Formations		
Contacts and Metallization		
Passivation		
Metrology	8	
Layout Design Rules:		
Design Rule Background		3
Micron Design Rules		
CMOS Process Enhancements:		
Transistors		2
Circuit Elements		
Technology Related CAD Issue:		
Design Rule Checking (DRC)		1
Circuit Extraction		
Unit-III: Circuit Characterization and Performance Estimation		
Delay Estimation		1
RC Delay Model		
Logical Effort and Transistor Sizing:		
Delay in a logic gate		2
Delay in multistage logic networks		
Choosing the best number of stages		
Power Dissipation:		
Static Dissipation		2
Dynamic Dissipation		
Interconnect:	8	
Resistance		1
Capacitance		
Delay		
Reliability:		1
Latch-up		
Scaling		
Transistor Scaling		1
Interconnect Scaling		
UNIT - IV: Design Methodology		
Introduction		1
Design Methodology:		
Structured Design Techniques (up to FPGA floorplan)	6	2
Design Flows		1
CMOS Physical Design Styles:		2

Static CMOS Gate Layout		
General CMOS Layout Guidelines		
UNIT - V: Special-purpose Subsystems		
Packaging:	7	2
Package Options		
Chip to Package Connections		
Package Parasitics		
Heat Dissipation		2
Power Distribution:		
On-chip Power Distribution Network		
IR drops		
L di/dt Noise		1
On-chip Bypass capacitance		
I/O:		
Basic I/O Pad Circuits		2
Level Converters		
Clock:		2
Definitions		
Clock System Architecture		
UNIT - VI: Testing and Verification		
Introduction	8	2
Logic Verification		1
Testers, Test Fixtures and Test Programs		1
Logic Verification Principles		1
Silicon Debug Principles		2
Manufacturing Test Principles		1
Design For Testability (Introduction to types)		
Boundary Scan (Introduction only)		
Total No. of Periods:	45	