

G. PULLA REDDY ENGINEERING COLLEGE (Autonomous): KURNOOL

Department of Computer Science & Engineering

Academic Year 2017-2018

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
1	Computer Programming	CS101	yes	--	yes
2	Data Structures	CS103	yes	--	yes
3	Professional Communication and English – I	HU101	yes	--	yes
4	Professional Communication and English – II	HU102	yes	--	yes
5	Computer Programming Lab	CS102	yes	--	yes
6	Data Structures Lab	CS104	yes	--	yes
7	Phonetics & Communication Skills Lab	HU103		--	yes

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
8	Object Oriented Programming	CS201	yes	--	
9	Switching Theory and Logic Design	CS203	yes	--	yes
10	Discrete Structures & Graph Theory	CS204	yes	--	yes
11	Computer Organization and Architecture	CS205	yes	--	
12	Data Structures	CS206	yes	--	

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13	Quantitative Aptitude	ML201	yes	--	yes
14	Object Oriented Programming Lab	CS202	yes	--	yes
15	Data Structures Lab	CS207		--	yes
16	Operating System	CS208	yes	--	yes
17	Computer Graphics	CS209		--	yes
18	Database Management Systems	CS210	yes	--	yes
19	Java Programming	CS212	yes	--	yes
20	Principles of Data Communication	CS214	yes	--	
21	Soft Skills	ML202	yes	--	yes
22	Database Management Systems Lab	CS211	yes	--	
23	Java Programming Lab	CS213	yes	--	
24	Computer Networks	CS301	yes	--	yes
25	Open Source Technologies	CS302		--	yes
26	Formal Languages and Automata Theory	CS304	yes	--	yes
27	Web Programming	CS305	yes	--	yes
28	Software Engineering	CS307		--	yes
29	Business English and Technical Writing	ML203	yes	--	yes
30	Open Source Technologies Lab	CS303	yes	--	
31	Web Programming Lab	CS306	yes	--	yes

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32	Dot Net Technologies	CS308	yes	--	yes
33	Design and Analysis of Algorithms	CS310	yes	--	
34	Network Programming	CS311	yes	--	
35	Compiler Design	CS313	yes	--	yes
36	Mobile Computing	CS315	yes	--	yes
37	Dot Net Technologies Lab	CS309		--	yes
38	Network Programming Lab	CS312	yes	--	yes
39	ALP and CD Lab	CS314		--	yes
40	Object Oriented Analysis and Design	CS401	yes	--	yes
41	Data warehousing and Mining	CS403	yes	--	yes
42	Software Project Management	CS405	yes	--	
43	Advanced Computer Architecture	CS406	yes	--	yes
44	OOAD Lab	CS402	yes	--	yes
45	Data warehousing Lab	CS404	yes	--	
46	Project Work Preliminary	CS407	yes	--	
47	Network Security & Cryptography	CS408	yes	--	yes
48	Big Data & Analytics	CS409	yes	--	yes
49	Algorithms & Big Data Lab	CS410		--	yes
50	Project Work	CS411	yes	--	yes

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1	Computer Programming	CS101	yes	--	yes
2	Data Structures	CS103	yes	--	yes
3	Professional Communication and English – I	HU101	yes	--	yes
4	Professional Communication and English – II	HU102	yes	--	yes
5	Computer Programming Lab	CS102	yes	--	yes
6	Data Structures Lab	CS104	yes	--	yes
7	Phonetics & Communication Skills Lab	HU103		--	yes
8	Advanced Data Structures	CS203	yes	--	yes
9	Database Management Systems	CS205	yes	--	yes
10	Computer Organization & Architecture	CS207	yes	--	yes
11	Constitution of India	ML01		--	yes
12	Advanced Data Structures Lab	CS204	yes	--	yes
13	Data Base Management Lab	CS206	yes	--	yes
14	Advanced Communication Skills Lab	HU203		--	yes

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15	Probability & Statistics	BS204	yes	--	yes
16	Object Oriented Programming	CS208	yes	--	yes
17	Operating System	CS210		--	yes
18	Computer Networks	CS211	yes	--	yes
19	Design & Analysis of Algorithms	CS212	yes	--	yes
20	Software Engineering	CS213	yes	--	yes
21	Object Oriented Programming Lab	CS209	yes	--	yes
22	Soft Skills Lab	HU204	yes	--	yes

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
23	Computer Networks	CS301	yes	--	
24	Open-Source Technologies	CS302	yes	--	yes
25	Web Programming	CS305	yes	--	yes
26	Software Engineering	CS307	yes	--	yes
27	Business English and Technical Writing	ML203	yes	--	yes
28	Open Source Technologies Lab	CS303	yes	--	yes
29	Web Programming Lab	CS306	yes	--	yes
30	Dot Net Technologies	CS308	yes	--	yes

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31	Design and Analysis of Algorithms	CS310	yes	--	yes
32	Network Programming	CS311	yes	--	yes
33	Compiler Design	CS313		--	yes
34	Mobile Computing	CS315	yes	--	yes
35	Dot Net Technologies Lab	CS309	yes	--	yes
36	Network Programming Lab	CS312		--	yes
37	ALP and CD Lab	CS314		--	yes
38	Object Oriented Analysis and Design	CS401	yes	--	yes
39	Data warehousing and Mining	CS403	yes	--	yes
40	Software Project Management	CS405	yes	--	yes
41	Advanced Computer Architecture	CS406	yes	--	yes
42	OOAD Lab	CS402	yes	--	yes
43	Data warehousing Lab	CS404	yes	--	yes
44	Project Work Preliminary	CS407	yes	--	yes
45	Network Security & Cryptography	CS408		--	yes
46	Big Data & Analytics	CS409	yes	--	yes
47	Algorithms & Big Data Lab	CS410	yes	--	yes
48	Project Work	CS411	yes	--	yes

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S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
1	Computer Programming	CS101	yes	--	yes
2	Data Structures	CS103	yes	--	yes
3	Professional Communication and English – I	HU101	yes	--	yes
4	Professional Communication and English – II	HU102	yes	--	yes
5	Computer Programming Lab	CS102	yes	--	yes
6	Data Structures Lab	CS104	yes	--	yes
7	Advanced Data Structures	CS203	yes	--	yes
8	Database Management Systems	CS205	yes	--	yes
9	Advanced Data Structures Lab	CS204	yes	--	yes
10	Data Base Management Lab	CS206	yes	--	yes
11	Advanced Communication Skills Lab	HU203		--	yes
12	Probability & Statistics	BS204	yes	--	yes
13	Object Oriented Programming	CS208	yes	--	yes
14	Computer Networks	CS211	yes	--	yes
15	Design & Analysis of	CS212	yes	--	yes

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	Algorithms				
16	Software Engineering	CS213	yes	--	yes
17	Object Oriented Programming Lab	CS209	yes	--	yes
18	Soft Skills Lab	HU204	yes	--	yes
19	Data Mining	CS301	yes	--	yes
20	Web Technologies	CS304	yes	--	yes
21	Data Mining Lab	CS302	yes	--	yes
22	Algorithms & Computer Networks Lab	CS305	yes	--	yes
23	Mini Project-1	CS306	yes	--	yes
24	Machine Learning	CS315	yes	--	yes
25	Compiler Design	CS317	yes	--	yes
26	Mobile Computing	CS319	yes	--	yes
27	Machine Learning Lab	CS316	yes	--	yes
28	Compiler Design Lab	CS318	yes	--	yes

Scheme 2013

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
29	Object Oriented Analysis and Design	CS401		--	yes
30	Data warehousing and Mining	CS403	yes	--	yes
31	Software Project Management	CS405	yes	--	yes

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32	Advanced Computer Architecture	CS406		--	yes
33	OOAD Lab	CS402		--	yes
34	Data warehousing Lab	CS404	yes	--	yes
35	Project Work Preliminary	CS407	yes	--	yes
36	Network Security & Cryptography	CS408	yes	--	yes
37	Big Data & Analytics	CS409	yes	--	yes
38	Algorithms & Big Data Lab	CS410	yes	--	yes
39	Project Work	CS411	yes	--	yes

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S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
1	Programming for Problem Solving	ESC	yes	---	yes
2	English Proficiency Course	Audit		---	yes
3	Programming for Problem Solving Lab	ESL	yes	---	yes
4	Probability & Statistical Methods	BSC	yes	---	
5	English	HSSC	yes	---	yes
6	Engineering Drawing	ESC	yes	---	yes
7	Data Structures	ESC	yes	---	yes
8	Statistical Methods Lab	BSL	yes	---	yes
9	Phonetics & Communication Skills Lab	HSSL	yes	---	yes
10	Data structures lab	ESL	yes	---	yes

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
11	Advanced Data Structures	CS203	yes	---	yes
12	Database Management Systems	CS205	yes	---	yes
13	Computer Organization & Architecture	CS207		---	yes
14	Constitution of India	ML01		---	yes

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15	Advanced Data Structures Lab	CS204	yes	---	yes
16	Data Base Management Lab	CS206	yes	---	yes
17	Advanced Communication Skills Lab	HU203		---	yes
18	Probability & Statistics	BS204	yes	---	yes
19	Object Oriented Programming	CS208	yes	---	yes
20	Operating System	CS210		---	yes
21	Computer Networks	CS211	yes	---	yes
22	Design & Analysis of Algorithms	CS212	yes	---	yes
23	Software Engineering	CS213	yes	---	yes
24	Object Oriented Programming Lab	CS209	yes	---	yes
25	Soft Skills Lab	HU204	yes	---	yes
26	Introduction to Microprocessors & Microcontrollers	EC313	yes	---	
27	Data Mining	CS301	yes	---	yes
28	Formal Languages and Automata Theory	CS303		---	yes
29	Web Technologies	CS304	yes	---	yes
30	Data Mining Lab	CS302	yes	---	yes
31	Algorithms & Computer Networks Lab	CS305	yes	---	yes

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32	Mini Project-1	CS306	yes	---	yes
33	Machine Learning	CS315	yes	---	yes
34	Compiler Design	CS317	yes	---	yes
35	Mobile Computing	CS319	yes	---	yes
36	Machine Learning Lab	CS316	yes	---	yes
37	Compiler Design Lab	CS318	yes	---	yes
38	Network Security and Cryptography	CS401	yes	---	yes
39	Big Data Analytics	CS403	yes	---	yes
40	Software Project Management	CS405	yes	---	yes
41	Network Security and Cryptography Lab	CS402	yes	---	yes
42	Big Data Analytics Lab	CS404	yes	---	yes
43	Mini Project -2	CS406	yes	---	yes
44	Project Work	CS417	yes	---	yes
45	Internship	CS426	yes	---	yes
46	Project Work	CS417	yes	---	yes
47	Data Science with R	CS411	yes	---	yes
48	Cloud Computing	CS409	yes	---	yes
49	Software Quality and Testing	CS416	yes	---	yes

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1	Programming for Problem Solving	ESC	yes	---	yes
2	English Proficiency Course	Audit			yes
3	Programming for Problem Solving Lab	ESL	yes	---	yes
4	Probability & Statistical Methods	BSC	yes	---	
5	English	HSSC	yes	---	yes
6	Engineering Drawing	ESC	yes	---	yes
7	Data Structures	ESC	yes	---	yes
8	Statistical Methods Lab	BSL	yes	---	yes
9	Phonetics & Communication Skills Lab	HSSL	yes	---	yes
10	Data structures lab	ESL	yes	---	yes
11	Advanced Data Structures	PCC	yes	---	yes
12	Database Systems	PCC	yes	---	yes
13	Object Oriented Programming through Java	PCC	yes	---	yes
14	Advanced Data Structures Lab	PCL	yes	---	yes
15	Database Systems Lab	PCL	yes	---	yes

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16	Object Oriented Programming through Java Lab	PCL	yes	---	yes
17	Soft Skills	SC		---	yes
18	Software Engineering & Applications	PCC	yes	---	yes
19	Python Programming	PCC	yes	---	yes
20	Software Engineering & Applications Lab	PCL	yes	---	yes

Scheme 2017

S.No	Course Name	Course Code	Employability	Entrepreneurship	Skill development
21	Advanced Data Structures	CS203	yes	---	yes
22	Database Management Systems	CS205	yes	---	yes
23	Computer Organization & Architecture	CS207		---	yes
24	Constitution of India	ML01		---	yes
25	Advanced Data Structures Lab	CS204	yes	---	yes
26	Data Base Management Lab	CS206	yes	---	yes
27	Advanced Communication Skills Lab	HU203		---	yes
28	Probability & Statistics	BS204	yes	---	yes
29	Object Oriented Programming	CS208	yes	---	yes

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30	Operating System	CS210		---	yes
31	Computer Networks	CS211	yes	---	yes
32	Design & Analysis of Algorithms	CS212	yes	---	yes
33	Software Engineering	CS213	yes	---	yes
34	Object Oriented Programming Lab	CS209	yes	---	yes
35	Soft Skills Lab	HU204	yes	---	yes
36	Introduction to Microprocessors & Microcontrollers	EC313	yes	---	
37	Data Mining	CS301	yes	---	yes
38	Formal Languages and Automata Theory	CS303		---	yes
39	Web Technologies	CS304	yes	---	yes
40	Data Mining Lab	CS302	yes	---	yes
41	Algorithms & Computer Networks Lab	CS305	yes	---	yes
42	Mini Project-1	CS306	yes	---	yes
43	Machine Learning	CS315	yes	---	yes
44	Compiler Design	CS317	yes	---	yes
45	Mobile Computing	CS319	yes	---	yes
46	Machine Learning Lab	CS316	yes	---	yes
47	Compiler Design Lab	CS318	yes	---	yes
48	Network Security and	CS401	yes	---	yes

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	Cryptography				
49	Big Data Analytics	CS403	yes	---	yes
50	Software Project Management	CS405	yes	---	yes
51	Network Security and Cryptography Lab	CS402	yes	---	yes
52	Big Data Analytics Lab	CS404	yes	---	yes
53	Mini Project -2	CS406	yes	---	yes
54	Project Work	CS417	yes	---	yes
55	Internship	CS426	yes	---	yes
56	Project Work	CS417	yes	---	yes
57	Data Science with R	CS411	yes	---	yes
58	Cloud Computing	CS409	yes	---	yes
59	Software Quality and Testing	CS416	yes	---	yes