



EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NBA(AERO, CSE, ECE, MECH & NAAC with "A+" and Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-22 BATCH

CO ATTAINMENT

COURSE CODE/COURSE NAME	CO 1	CO2	CO3	CO4	CO5	CO AVERAGE
SEMESTER I						
C101/Communicative English	3.00	3.00	3.00	3.00	3.00	3.00
C102/Engineering Mathematics - I	1.72	1.72	1.72	1.72	1.72	1.72
C103/Engineering Physics	1.72	1.72	1.72	1.72	1.72	1.72
C104/Engineering Chemistry	1.72	1.72	1.72	1.72	1.72	1.72
C105/Problem Solving and Python Programming	1.72	1.72	1.72	1.72	1.72	1.72
C106/Engineering Graphics	3.00	3.00	3.00	3.00	3.00	3.00
C107/Problem Solving and Python Programming Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C108/Physics and Chemistry Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
SEMESTER II						
C109/Technical English	1.72	1.72	1.72	1.72	1.72	1.72
C110/Engineering Mathematics - II	1.72	1.72	1.72	1.72	1.72	1.72
C111/Physics for Information Science	1.72	1.72	1.72	1.72	1.72	1.72
C112/Basic Electrical, Electronics and Measurement Engineering	1.72	1.72	1.72	1.72	1.72	1.72
C113/Environmental Science and Engineering	1.72	1.72	1.72	1.72	1.72	1.72
C114/Programming in C	1.72	1.72	1.72	1.72	1.72	1.72
C115/Engineering Practices Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C116/C Programming Laboratory	3.00	3.00	3.00	3.00	3.00	3.00

COURSE CODE/COURSE NAME	CO 1	CO2	CO3	CO4	CO5	CO AVERAGE
SEMESTER VII						
C401/Principles of Management	3.00	3.00	3.00	3.00	3.00	3.00
C402/Cryptography and Network Security	3.00	3.00	3.00	3.00	3.00	3.00
C403/Cloud Computing	3.00	3.00	3.00	3.00	3.00	3.00
C404/Supply Chain Management	3.00	3.00	3.00	3.00	3.00	3.00
C405/Software Project Management	3.00	3.00	3.00	3.00	3.00	3.00
C406/Human Computer Interaction	3.00	3.00	3.00	3.00	3.00	3.00
C407/Cloud Computing Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
C408/Security Laboratory	3.00	3.00	3.00	3.00	3.00	3.00
SEMESTER VIII						
C409/Cyber Forensics	3.00	3.00	3.00	3.00	3.00	3.00
C410/Information Retrieval Techniques	3.00	3.00	3.00	3.00	3.00	3.00
C411/Project Work	3.00	3.00	3.00	3.00	3.00	3.00

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Academic coordinator

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DEPARTMENT OF CSE
Excel Engineering College
Komarapalayam - 637 003





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

2018-22 BATCH

CO- PO ATTAINMENT

COURSE CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
SEMESTER I															
C101	1.00	1.67	1.00	1.50	1.00	1.00	1.33	1.50	1.20	1.50	1.00	1.67	-	-	-
C102	1.72	1.72	1.37	1.49	0.91	0.68	-	-	1.03	-	-	1.14	-	-	-
C103	1.49	0.71	0.76	0.57	0.86	0.57	0.86	0.57	-	0.57	-	0.57	-	-	-
C104	0.91	0.91	-	1.58	1.22	0.57	0.57	1.00	-	-	1.14	0.68	-	-	-
C105	1.72	1.72	1.72	1.72	1.60	1.14	1.14	-	-	0.57	-	0.57	1.72	0.57	1.14
C106	3.00	3.00	2.00	1.00	3.00	3.00	3.00	-	2.00	3.00	-	3.00	-	-	-
C107	3.00	3.00	3.00	3.00	3.00	2.00	2.00	-	-	1.00	2.00	1.00	3.00	2.00	2.00
C108	2.40	2.00	2.50	2.00	2.00	1.50	2.25	1.00	1.40	1.00	1.60	2.20	3.00	2.00	-
SEMESTER II															
C109	1.14	0.95	1.00	1.53	0.86	0.86	1.14	0.80	0.57	1.14	0.76	0.86	-	-	-
C110	1.61	1.61	1.38	1.49	1.15	0.92	-	-	1.15	-	-	1.38	-	-	-
C111	1.26	0.86	1.26	1.15	1.34	0.92	0.86	0.57	-	0.57	-	1.15	-	-	-
C112	1.72	1.15	1.26	0.80	1.26	0.80	0.86	1.15	1.44	1.26	1.01	1.15	0.76	0.86	-
C113	1.37	1.26	1.14	1.15	1.26	1.03	1.14	0.57	0.91	1.14	0.80	1.37	-	-	-
C114	1.72	1.72	1.72	1.72	1.72	0.57	1.15	-	1.72	1.61	1.15	0.92	1.72	1.72	-
C115	1.50	2.50	2.67	-	1.25	-	-	1.00	-	-	1.25	1.80	-	-	-
C116	3.00	3.00	3.00	3.00	3.00	1.00	2.00	-	3.00	2.40	2.00	1.60	3.00	3.00	-
SEMESTER III															
C201	1.49	1.34	1.15	1.15	0.86	-	-	-	1.15	0.57	-	0.86	1.15	1.15	0.57
C202	1.72	1.72	1.03	1.03	0.57	0.57	0.57	0.57	-	-	-	0.86	0.57	1.15	1.15
C203	1.72	1.72	1.72	-	-	-	-	-	-	-	1.15	1.15	1.72	1.15	0.57
C204	1.72	1.72	1.72	1.72	1.15	1.38	1.03	-	-	-	-	1.61	1.72	0.96	1.15
C205	1.72	1.72	1.72	-	-	-	-	-	-	-	-	-	1.14	1.14	1.72
C206	3.00	3.00	3.00	-	-	-	-	3.00	3.00	3.00	-	3.00	3.00	2.00	1.00
C207	3.00	3.00	3.00	3.00	2.00	2.40	1.80	-	-	-	-	2.80	3.00	1.67	2.00
C208	2.80	2.20	2.40	2.80	2.40	1.60	1.60	1.80	1.40	1.40	1.80	1.80	2.20	2.80	2.60
C209	-	-	-	-	-	-	-	1.00	2.00	3.00	-	2.00	-	-	-

COURSE CODE	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 1	PO 11	PO 12	PSO 1	PSO 2	PSO 3
SEMESTER IV															
C210	-	2.60	-	-	2.00	-	-	2.00	-	-	3.00	2.00	3.00	3.00	
C211	2.00	2.00	2.00	1.00	1.00				2.00	2.00	2.00	2.00	2.00	2.00	
C212	3.00	3.00	3.00	2.20	2.80	1.20	2.00	-	-	-	-	3.00	3.00	3.00	3.00
C213	3.00	3.00	2.00	2.00									3.00	2.00	3.00
C214	3.00	2.96	2.88	1.76	2.20	2.44	1.76	2.00	1.56	1.56	1.69	1.38	1.80	2.76	2.52
C215	3.00	3.00	2.80	2.40	3.00	3.00	2.20	3.00	1.60	2.40	2.00	2.20	2.20	2.00	2.40
C216	3.00	3.00	3.00	2.00	2.00	2.00	2.00	-	3.00	2.00	2.00	3.00	2.00	2.00	3.00
C217	3.00	2.80	2.50	1.80	2.00	2.20	1.80	2.00	1.67	1.67	1.75	1.50	2.00	2.80	2.60
C218	-	-	-	-	-	1.00	-	2.00	1.00	3.00		1.00			
SEMESTER V															
C301	3.0	3.0	2.6	3.0	2.2	1.4	1.6		1.2			1.8	3.0	2.0	-
C302	3.0	3.0	2.6	1.8	1.6	2.0	2.0	1.0	1.0	1.2	1.2	3.0	3.0	2.6	1.3
C303	3.0	2.0	3.0	3.0					2.0		3.0		2.8		
C304	3.0	3.0	3.0	3.0	2.0	2.0	2.0	-	-	-	-	3.0	3.0	3.0	-
C305	3.0	3.0	3.0	3.0	2.4	2.0	2.0					3.0	3.0	3.0	3.0
C306	2.8	2.8	2.3	2.4	2.0	1.5	2.0	1.0	1.5	2.0	1.5	1.8	2.4	2.0	1.5
C307	2.5	2.0	3.0	2.5									2.8		3.0
C308	3.0	3.0	3.0	3.0	2.4	2.0	2.0					3.0	3.0	3.0	3.0
C309	3.0	3.0	3.0	3.0	2.4	2.0	2.0	-	-	-	-	3.0	3.0	3.0	3.0
SEMESTER VI															
C310	2.25	2.00	2.60	2.25	2.00	2.00	2.50	2.33	1.67	1.33	2.20	2.50	2.76	2.60	3.00
C311	3.00	3.00	3.00	3.00	2.00	2.00	2.00	-	-	-	-	3.00	3.00	2.00	3.00
C312	3.00	3.00	3.00	0.00	1.80	1.60	1.20	0.00	0.00	1.40	0.00	0.00	2.40	2.80	2.40
C313	3.00	3.00	3.00	3.00	2.60				3.00	3.00		2.60	3.00	3.00	3.00
C314	3.00	3.00	3.00	3.00	1.60	1.00	2.20					3.00	3.00	3.00	3.00
C315	3.00	2.80	2.40	2.40	2.40	1.60	2.20					3.00	2.80	2.80	3.00
C316	3.00	2.80	2.60	2.40	3.00	2.67	2.00					2.20	2.80	2.80	3.00
C317	3.00	2.00	3.00	2.00	3.00	2.00			2.00		3.00	2.00	3.00	2.00	3.00
C318	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
C319	-	-	-	-	-	2.00	-	-	-	2.00	-	2.00	-	-	-
SEMESTER VII															
C401	-	-	-	-	-	2.00	-	2.00	2.00	2.00	2.30	1.00	-	-	-
C402	3.00	3.00	3.00	1.33	2.67	2.40	1.50	1.00	1.00	1.50	1.33	2.00	3.00	1.67	1.33
C403	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-	3.00	1.00
C404	3.00	1.80	2.40	2.40	2.40	2.60	2.40	2.40	2.60	1.60	2.40	2.00	3.00	2.00	2.00
C405	3.00	3.00	3.00	3.00	2.00	1.00	1.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	3.00
C406	3.00	2.80	2.40	2.40	2.40	1.60	2.20	-	-	-	-	3.00	3.00	3.00	3.00
C407	3.00	3.00	3.00	-	3.00	-	-	-	-	-	-	3.00	3.00	3.00	3.00
C408	3.00	2.80	2.60	2.40	3.00	2.67	2.00	-	-	-	-	2.20	2.80	2.80	3.00

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SEMESTER VIII															
C409	1.33	-	-	-	-	2.50	2.00	3.00	-	2.50	2.00	3.00	1.67	1.33	-
C410	3.00	3.00	3.00	-	-	-	-	-	-	-	-	-	-	3.00	2.50
C411	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
DIRECT ATTAINMENT (80%)	1.99	1.92	1.91	1.68	1.61	1.35	1.42	1.30	1.41	1.46	1.45	1.59	2.00	1.84	1.88
INDIRECT ATTAINMENT (20%)	2.82	2.68	2.69	2.70	2.64	2.66	2.66	2.66	2.68	2.62	2.71	2.66	2.65	2.58	2.64
TOTAL ATTAINMENT (100%)	2.56	2.46	2.45	2.22	2.14	1.88	1.95	1.84	1.94	1.98	1.99	2.12	2.53	2.36	2.41

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Academic coordinator

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DEPARTMENT OF CSE
Excel Engineering College
Komarapalayam - 637 503.



COURSE CODE/COURSE NAME	CO 1	CO2	CO3	CO4	CO5	CO AVERAGE
SEMESTER III						
C201/Research Methodology and Intellectual Property Rights	1.56	1.56	1.56	1.56	1.56	1.56
C202/Machine Learning Techniques	1.56	1.56	1.56	1.56	1.56	1.56
C203/Mobile Application Development	2.04	2.04	2.04	2.04	2.04	2.04
C204/Project Work Phase - I	3.00	3.00	3.00	3.00	3.00	3.00
SEMESTER IV						
C205/Project Work Phase - II	3.00	3.00	3.00	3.00	3.00	3.00

P. L.

Academic coordinator

Tom

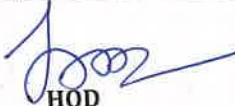
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SEMESTER IV															
C205	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
DIRECT ATTAINMENT (80%)	2.25	2.25	2.21	2.24	1.97	2.17	2.13	2.01	2.00	1.60	1.21	1.46	2.26	1.13	1.62
INDIRECT ATTAINMENT (20%)	2.89	2.85	2.84	2.83	2.66	2.70	2.64	2.61	2.81	2.84	2.83	2.84	2.65	2.88	2.82
TOTAL ATTAINMENT (100%)	2.82	2.82	2.77	2.80	2.50	2.71	2.66	2.53	2.56	2.17	1.77	2.03	2.84	1.70	2.18


Academic coordinator


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