



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

B.Tech. II Year I Semester (R23) Supplementary April 26

03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0104						
1	R2321014	STRENGTHOF MATERIALS	13	F	F	0.0
2 . 23031A0105						
1	R2321011	NUMERICAL TECHNIQUES AND STATISTICAL METHODS	22	F	F	0.0
2	R2321013	SURVEYING	12	F	F	0.0
3	R2321014	STRENGTHOF MATERIALS	15	F	F	0.0
4	R2321015	FLUID MECHANICS	15	F	F	0.0
3 . 23031A0118						
1	R2321011	NUMERICAL TECHNIQUES AND STATISTICAL METHODS	12	F	F	0.0
2	R2321014	STRENGTHOF MATERIALS	5	F	F	0.0
3	R2321015	FLUID MECHANICS	5	F	F	0.0
4 . 23031A0124						
1	R2321014	STRENGTHOF MATERIALS	12	F	F	0.0
5 . 24031A0101						
1	R2321015	FLUID MECHANICS	15	P	E	3.0
6 . 24031A0105						
1	R2321015	FLUID MECHANICS	16	F	F	0.0
7 . 24031A0109						
1	R2321013	SURVEYING	13	F	F	0.0
2	R2321015	FLUID MECHANICS	9	F	F	0.0
8 . 24031A0111						
1	R2321015	FLUID MECHANICS	17	F	F	0.0
9 . 24031A0113						
1	R2321013	SURVEYING	16	F	F	0.0
2	R2321014	STRENGTHOF MATERIALS	11	F	F	0.0
3	R2321015	FLUID MECHANICS	9	F	F	0.0
10 . 24031A0115						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	18	P	D	3.0
2	R2321013	SURVEYING	12	F	F	0.0
3	R2321014	STRENGTHOF MATERIALS	14	F	F	0.0
4	R2321015	FLUID MECHANICS	12	F	F	0.0
11 . 24031A0119						
1	R2321014	STRENGTHOF MATERIALS	17	F	F	0.0
2	R2321015	FLUID MECHANICS	12	F	F	0.0
12 . 24031A0121						
1	R2321013	SURVEYING	21	P	C	3.0
2	R2321014	STRENGTHOF MATERIALS	14	P	D	3.0
3	R2321015	FLUID MECHANICS	12	F	F	0.0
13 . 24031A0126						
1	R2321015	FLUID MECHANICS	18	F	F	0.0
14 . 24031A0128						
1	R2321013	SURVEYING	24	P	B	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
15 . 24031A0133						
1	R2321013	SURVEYING	21	F	F	0.0
2	R2321015	FLUID MECHANICS	13	P	D	3.0
16 . 24031A0134						
1	R2321013	SURVEYING	12	F	F	0.0
2	R2321015	FLUID MECHANICS	12	F	F	0.0
17 . 24035A0118						
1	R2321011	NUMERICAL TECHNIQUES AND STATISTICAL METHODS	13	F	F	0.0
2	R2321014	STRENGTHOF MATERIALS	14	P	E	3.0
18 . 25035A0123						
1	R2321013	SURVEYING	21	P	C	3.0
19 . 25035A0124						
1	R2321015	FLUID MECHANICS	18	F	F	0.0



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03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

02: ELECTRICAL & ELECTRONICS ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0208						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	18	F	F	0.0
2 . 23031A0209						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	19	F	F	0.0
3 . 23031A0212						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	20	P	C	3.0
4 . 23031A0217						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	19	F	F	0.0
5 . 23031A0218						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	21	P	E	3.0
6 . 23031A0219						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	11	F	F	0.0
2	R2321024	DC MACHINES & TRANSFORMERS	7	F	F	0.0
7 . 23031A0220						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
8 . 23031A0232						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	19	F	F	0.0
2	R2321022	ELECTRO MAGNETIC FIELD THEORY	8	F	F	0.0
9 . 23031A0238						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
2	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	12	P	E	3.0
3	R2321022	ELECTRO MAGNETIC FIELD THEORY	1	F	F	0.0
4	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	0	F	F	0.0
5	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	4	P	D	1.5
10 . 23031A0242						
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	20	F	F	0.0
11 . 23031A0247						
1	R2321024	DC MACHINES & TRANSFORMERS	12	P	E	3.0
12 . 24031A0202						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	10	F	F	0.0
2	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	15	F	F	0.0
3	R2321022	ELECTRO MAGNETIC FIELD THEORY	12	F	F	0.0
4	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	12	F	F	0.0
5	R2321024	DC MACHINES & TRANSFORMERS	11	F	F	0.0
6	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	14	P	C	1.5
13 . 24031A0204						
1	R2321024	DC MACHINES & TRANSFORMERS	14	P	E	3.0
14 . 24031A0205						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	15	F	F	0.0
15 . 24031A0208						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	14	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
16 . 24031A0209						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	13	P	E	3.0
2	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	18	P	E	3.0
3	R2321024	DC MACHINES & TRANSFORMERS	12	F	F	0.0
17 . 24031A0214						
1	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	15	P	C	1.5
18 . 24031A0216						
1	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	13	P	D	1.5
19 . 24031A0218						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	7	F	F	0.0
2	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	10	F	F	0.0
3	R2321024	DC MACHINES & TRANSFORMERS	11	F	F	0.0
4	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	10	F	F	0.0
5	R2321026	DCMACHINES&TRANSFORMERS LAB	15	P	C	1.5
20 . 24031A0221						
1	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	13	F	F	0.0
21 . 24031A0227						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	10	F	F	0.0
22 . 24031A0230						
1	R2321024	DC MACHINES & TRANSFORMERS	20	P	C	3.0
23 . 24031A0232						
1	R2321024	DC MACHINES & TRANSFORMERS	17	P	E	3.0
24 . 24031A0235						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	11	F	AB	0.0
2	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	17	P	C	1.5
25 . 24031A0237						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	8	F	F	0.0
2	R2321024	DC MACHINES & TRANSFORMERS	11	F	F	0.0
3	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	12	F	F	0.0
26 . 24031A0244						
1	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	0	P	E	1.5
27 . 24031A0246						
1	R2321021	COMPLEX VARIABLES &NUMERICAL METHODS	17	P	E	3.0
2	R2321022	ELECTRO MAGNETIC FIELD THEORY	12	F	F	0.0
3	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	19	P	B	1.5
4	R2321026	DCMACHINES&TRANSFORMERS LAB	23	P	D	1.5
5	R2321027	DATA STRUCTURES LAB	26	P	A	2.0
28 . 24031A0248						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	15	P	E	3.0
2	R2321021	COMPLEX VARIABLES &NUMERICAL METHODS	12	F	F	0.0
3	R2321022	ELECTRO MAGNETIC FIELD THEORY	14	F	F	0.0
4	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	11	F	F	0.0
5	R2321024	DC MACHINES & TRANSFORMERS	16	P	E	3.0
29 . 24031A0251						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	8	F	F	0.0
30 . 24035A0206						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	19	F	F	0.0
31 . 24035A0219						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
32 . 25035A0205						
1	R2321022	ELECTRO MAGNETIC FIELD THEORY	19	P	E	3.0
33 . 25035A0209						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	10	P	E	3.0
2	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	9	F	AB	0.0
3	R2321022	ELECTRO MAGNETIC FIELD THEORY	10	F	F	0.0
4	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	12	F	F	0.0
5	R2321024	DC MACHINES & TRANSFORMERS	11	F	F	0.0
6	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	21	P	C	1.5
7	R2321026	DCMACHINES&TRANSFORMERS LAB	15	P	B	1.5
8	R2321027	DATA STRUCTURES LAB	24	P	B	2.0
34 . 25035A0214						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	8	P	E	3.0
2	R2321021	COMPLEX VARIABLES & NUMERICAL METHODS	12	F	F	0.0
3	R2321022	ELECTRO MAGNETIC FIELD THEORY	9	F	F	0.0
4	R2321023	ELECTRICAL CIRCUIT ANALYSIS-II	13	F	F	0.0
5	R2321024	DC MACHINES & TRANSFORMERS	18	P	E	3.0
6	R2321025	ELECTRICAL CIRCUIT ANALYSIS-II AND SIMULATIONLAB	17	P	C	1.5
7	R2321026	DCMACHINES&TRANSFORMERS LAB	22	P	B	1.5
8	R2321027	DATA STRUCTURES LAB	16	P	C	2.0



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03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

03: MECHANICAL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0304						
1	R2321033	MECHANICS OF SOLIDS	12	F	F	0.0
2 . 23031A0313						
1	R2321033	MECHANICS OF SOLIDS	17	F	F	0.0
3 . 23031A0314						
1	R2321034	MATERIAL SCIENCE AND METALLURGY	17	F	AB	0.0
4 . 23031A0318						
1	R2321033	MECHANICS OF SOLIDS	18	F	F	0.0
5 . 24031A0303						
1	R2321031	NUMERICAL METHODS AND TRANSFORM TECHNIQUES	14	P	D	3.0
2	R2321032	THERMODYNAMICS	12	F	F	0.0
3	R2321033	MECHANICS OF SOLIDS	10	F	F	0.0
4	R2321034	MATERIAL SCIENCE AND METALLURGY	21	P	E	3.0
6 . 24031A0308						
1	R2321032	THERMODYNAMICS	12	F	F	0.0
7 . 24031A0310						
1	R2321033	MECHANICS OF SOLIDS	12	P	E	3.0
8 . 24031A0314						
1	R2321032	THERMODYNAMICS	10	F	F	0.0
9 . 24031A0315						
1	R2321034	MATERIAL SCIENCE AND METALLURGY	25	F	F	0.0
10 . 24031A0317						
1	R2321032	THERMODYNAMICS	13	F	F	0.0
2	R2321033	MECHANICS OF SOLIDS	16	F	F	0.0
3	R2321034	MATERIAL SCIENCE AND METALLURGY	21	F	F	0.0
11 . 24031A0318						
1	R2321032	THERMODYNAMICS	12	F	F	0.0
2	R2321038	EMBEDDED SYSTEMS AND IOT	10	P	E	2.0
12 . 24031A0319						
1	R2321033	MECHANICS OF SOLIDS	11	F	F	0.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	16	F	F	0.0
13 . 24031A0320						
1	R2321032	THERMODYNAMICS	13	F	F	0.0
2	R2321033	MECHANICS OF SOLIDS	11	F	F	0.0
3	R2321038	EMBEDDED SYSTEMS AND IOT	18	P	D	2.0
14 . 24031A0322						
1	R2321032	THERMODYNAMICS	14	P	E	2.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	8	F	F	0.0
3	R2321038	EMBEDDED SYSTEMS AND IOT	3	P	D	2.0
15 . 24031A0323						
1	R2321032	THERMODYNAMICS	14	F	AB	0.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
16 . 24031A0327						
1	R2321033	MECHANICS OF SOLIDS	14	P	E	3.0
17 . 24031A0332						
1	R2321032	THERMODYNAMICS	12	F	F	0.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	12	F	F	0.0
3	R2321038	EMBEDDED SYSTEMS AND IOT	16	P	D	2.0
18 . 24031A0336						
1	R2321034	MATERIAL SCIENCE AND METALLURGY	21	P	E	3.0
19 . 24031A0338						
1	R2321033	MECHANICS OF SOLIDS	15	P	E	3.0
20 . 24031A0341						
1	R2321031	NUMERICAL METHODS AND TRANSFORM TECHNIQUES	11	P	E	3.0
2	R2321032	THERMODYNAMICS	17	F	F	0.0
3	R2321033	MECHANICS OF SOLIDS	14	F	F	0.0
4	R2321034	MATERIAL SCIENCE AND METALLURGY	13	F	F	0.0
5	R2321038	EMBEDDED SYSTEMS AND IOT	3	P	E	2.0
21 . 24031A0342						
1	R2321031	NUMERICAL METHODS AND TRANSFORM TECHNIQUES	14	F	F	0.0
2	R2321033	MECHANICS OF SOLIDS	11	P	D	3.0
22 . 24031A0343						
1	R2321032	THERMODYNAMICS	15	P	E	2.0
2	R2321033	MECHANICS OF SOLIDS	15	P	E	3.0
23 . 24031A0347						
1	R2321034	MATERIAL SCIENCE AND METALLURGY	18	P	D	3.0
24 . 25035A0304						
1	R2321032	THERMODYNAMICS	20	P	E	2.0
25 . 25035A0306						
1	R2321034	MATERIAL SCIENCE AND METALLURGY	17	P	D	3.0
26 . 25035A0313						
1	R2321032	THERMODYNAMICS	25	P	D	2.0
27 . 25035A0315						
1	R2321033	MECHANICS OF SOLIDS	11	F	F	0.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	13	F	F	0.0
28 . 25035A0317						
1	R2321032	THERMODYNAMICS	15	F	F	0.0
2	R2321034	MATERIAL SCIENCE AND METALLURGY	20	P	E	3.0



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03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0412						
1	R2321042	SIGNALS AND SYSTEMS	20	P	D	3.0
2 . 23031A0443						
1	R2321042	SIGNALS AND SYSTEMS	18	P	D	3.0
3 . 24031A0401						
1	R2321044	SWITCHING THEORY AND LOGIC DESIGN	24	P	E	3.0
4 . 24031A0403						
1	R2321041	PROBABILITY THEORY AND STOCHASTIC PROCESS	13	F	F	0.0
5 . 24031A0414						
1	R2321041	PROBABILITY THEORY AND STOCHASTIC PROCESS	12	F	F	0.0
2	R2321042	SIGNALS AND SYSTEMS	14	F	F	0.0
6 . 24031A0418						
1	R2321041	PROBABILITY THEORY AND STOCHASTIC PROCESS	16	P	E	3.0
7 . 24031A0430						
1	R2321012	UNIVERSAL HUMAN VALUES-UNDERSTANDING HARMONY AND ETHICAL HUMAN CONDUCT	11	P	E	3.0
8 . 24031A0447						
1	R2321041	PROBABILITY THEORY AND STOCHASTIC PROCESS	13	F	F	0.0
9 . 25035A0405						
1	R2321041	PROBABILITY THEORY AND STOCHASTIC PROCESS	14	P	D	3.0



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03: UNIVERSITY COLLEGE OF ENGINEERING, NARSARAOPET

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23031A0512						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
2 . 23031A0513						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
3 . 23031A0520						
1	R2321052	DIGITAL LOGIC & COMPUTER ORGANIZATION	20	F	F	0.0
2	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	17	P	E	3.0
4 . 23031A0523						
1	R2321052	DIGITAL LOGIC & COMPUTER ORGANIZATION	18	F	AB	0.0
5 . 23031A0529						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
6 . 23031A0533						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	22	F	F	0.0
7 . 23031A0540						
1	R2321019	ENVIRONMENTAL SCIENCE(non credits subject)	-4	F	F	0.0
8 . 23031A0542						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	16	F	AB	0.0
2	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	0	F	F	0.0
3	R2321055	ADVANCED DATA STRUCTURES AND ALGORITHMS ANALYSIS LAB	15	P	C	1.5
4	R2321056	OBJECT ORIENTED PROGRAMMING THROUGH JAVA LAB	15	P	C	1.5
5	R2321057	PYTHON PROGRAMMING LAB	13	P	B	2.0
9 . 24031A0502						
1	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	14	P	E	3.0
10 . 24031A0503						
1	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	17	F	AB	0.0
11 . 24031A0505						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	27	P	D	3.0
2	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	20	P	E	3.0
12 . 24031A0510						
1	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	25	P	D	3.0
13 . 24031A0514						
1	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	26	P	B	3.0
14 . 24031A0519						
1	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	F	AB	0.0
15 . 24031A0534						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	18	F	F	0.0
16 . 24031A0538						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	21	P	D	3.0
2	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	19	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	28	P	D	3.0
17 . 24031A0543						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	19	F	F	0.0
2	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	22	P	E	3.0
18 . 24031A0554						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	23	P	D	3.0
19 . 25035A0504						
1	R2321051	DISCRETE MATHEMATICS & GRAPH THEORY	14	F	F	0.0
2	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	15	P	E	3.0
20 . 25035A0506						
1	R2321054	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	27	P	C	3.0
21 . 25035A0510						
1	R2321053	ADVANCED DATA STRUCTURES & ALGORITHMS ANALYSIS	24	P	D	3.0