



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R16) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 18MC1A0502						
1	R161102	MATHEMATICS-I	17	P	D	3.0
2 . 18MC1A0507						
1	R161102	MATHEMATICS-I	17	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0111						
1	R19BS1108	ENGINEERING PHYSICS	10	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

03: MECHANICAL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0301						
1	R19BS1101	MATHEMATICS-I	10	F	F	0.0
2	R19BS1102	MATHEMATICS-II (MM)	11	F	F	0.0
2 . 19MC1A0340						
1	R19BS1108	ENGINEERING PHYSICS	14	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0413						
1	R19BS1106	APPLIED CHEMISTRY	11	P	D	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0515						
1	R19ES1103	ENGINEERING DRAWING	19	F	AB	0.0
2 . 19MC1A0521						
1	R19BS1101	MATHEMATICS-I	11	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

02: ELECTRICAL & ELECTRONICS ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 22MC1A0201						
1	R201101	MATHEMATICS - I	22	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 20MC1A0446						
1	R201104	ENGINEERING DRAWING	17	F	AB	0.0
2	R201115	APPLIED CHEMISTRY	16	F	AB	0.0
2 . 20MC1A0471						
1	R201101	MATHEMATICS - I	11	F	AB	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	9	F	AB	0.0
3	R201115	APPLIED CHEMISTRY	10	F	AB	0.0
3 . 21MC1A0405						
1	R201115	APPLIED CHEMISTRY	17	F	F	0.0
4 . 21MC1A0406						
1	R201115	APPLIED CHEMISTRY	16	F	F	0.0
5 . 21MC1A0408						
1	R201101	MATHEMATICS - I	17	F	F	0.0
2	R201104	ENGINEERING DRAWING	16	F	F	0.0
3	R201115	APPLIED CHEMISTRY	18	F	F	0.0
6 . 21MC1A0418						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	15	F	F	0.0
3	R201115	APPLIED CHEMISTRY	17	F	AB	0.0
7 . 21MC1A0422						
1	R201104	ENGINEERING DRAWING	18	F	F	0.0
8 . 21MC1A0425						
1	R201115	APPLIED CHEMISTRY	16	P	E	3.0
9 . 21MC1A0427						
1	R201115	APPLIED CHEMISTRY	17	F	AB	0.0
10 . 21MC1A0436						
1	R201115	APPLIED CHEMISTRY	17	F	F	0.0
11 . 21MC1A0456						
1	R201115	APPLIED CHEMISTRY	19	P	D	3.0
12 . 21MC1A0472						
1	R201104	ENGINEERING DRAWING	15	F	AB	0.0
13 . 21MC1A0473						
1	R201115	APPLIED CHEMISTRY	15	F	F	0.0
14 . 22MC1A0402						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	10	F	F	0.0
15 . 22MC1A0403						
1	R201104	ENGINEERING DRAWING	16	P	E	3.0
2	R201115	APPLIED CHEMISTRY	16	F	F	0.0
16 . 22MC1A0407						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201104	ENGINEERING DRAWING	18	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
17 . 22MC1A0408						
1	R201101	MATHEMATICS - I	22	F	F	0.0
18 . 22MC1A0411						
1	R201101	MATHEMATICS - I	23	F	F	0.0
19 . 22MC1A0412						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201115	APPLIED CHEMISTRY	18	F	F	0.0
20 . 22MC1A0413						
1	R201101	MATHEMATICS - I	24	F	F	0.0
21 . 22MC1A0414						
1	R201101	MATHEMATICS - I	21	F	F	0.0
22 . 22MC1A0420						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201104	ENGINEERING DRAWING	23	F	AB	0.0
3	R201115	APPLIED CHEMISTRY	19	F	F	0.0
23 . 22MC1A0424						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201104	ENGINEERING DRAWING	16	F	F	0.0
3	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	10	F	F	0.0
24 . 22MC1A0426						
1	R201101	MATHEMATICS - I	21	F	F	0.0
25 . 22MC1A0427						
1	R201101	MATHEMATICS - I	21	F	F	0.0
26 . 22MC1A0428						
1	R201101	MATHEMATICS - I	22	F	F	0.0
2	R201104	ENGINEERING DRAWING	16	P	E	3.0
3	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	16	F	F	0.0
4	R201115	APPLIED CHEMISTRY	16	F	AB	0.0
27 . 22MC1A0429						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201115	APPLIED CHEMISTRY	17	F	F	0.0
28 . 22MC1A0430						
1	R201101	MATHEMATICS - I	19	F	AB	0.0
2	R201104	ENGINEERING DRAWING	16	F	F	0.0
3	R201115	APPLIED CHEMISTRY	16	F	F	0.0
29 . 22MC1A0436						
1	R201101	MATHEMATICS - I	22	F	F	0.0
30 . 22MC1A0437						
1	R201101	MATHEMATICS - I	23	F	F	0.0
31 . 22MC1A0440						
1	R201101	MATHEMATICS - I	24	F	F	0.0
32 . 22MC1A0443						
1	R201101	MATHEMATICS - I	23	F	F	0.0
2	R201115	APPLIED CHEMISTRY	16	F	F	0.0
33 . 22MC1A0444						
1	R201101	MATHEMATICS - I	22	F	F	0.0
2	R201115	APPLIED CHEMISTRY	19	F	F	0.0
34 . 22MC1A0446						
1	R201115	APPLIED CHEMISTRY	16	F	F	0.0
2	R201101	MATHEMATICS - I	23	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
35 . 22MC1A0448						
1	R201101	MATHEMATICS - I	24	F	F	0.0
2	R201104	ENGINEERING DRAWING	16	F	F	0.0
3	R201115	APPLIED CHEMISTRY	18	F	F	0.0
36 . 22MC1A0453						
1	R201104	ENGINEERING DRAWING	16	F	F	0.0
37 . 22MC1A0454						
1	R201104	ENGINEERING DRAWING	16	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	17	F	F	0.0
3	R201115	APPLIED CHEMISTRY	9	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 20MC1A0510						
1	R201117	APPLIED PHYSICS	11	F	F	0.0
2 . 20MC1A0515						
1	R201101	MATHEMATICS - I	12	F	AB	0.0
3 . 20MC1A0522						
1	R201117	APPLIED PHYSICS	13	F	F	0.0
4 . 20MC1A0531						
1	R201101	MATHEMATICS - I	17	F	F	0.0
5 . 20MC1A0537						
1	R201101	MATHEMATICS - I	21	F	F	0.0
6 . 20MC1A0540						
1	R201101	MATHEMATICS - I	17	F	F	0.0
7 . 20MC1A0557						
1	R201101	MATHEMATICS - I	19	F	F	0.0
8 . 20MC1A0560						
1	R201117	APPLIED PHYSICS	16	F	AB	0.0
9 . 20MC1A0563						
1	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	10	F	AB	0.0
2	R201117	APPLIED PHYSICS	11	F	AB	0.0
10 . 20MC1A0567						
1	R201117	APPLIED PHYSICS	16	F	AB	0.0
11 . 20MC1A0595						
1	R201101	MATHEMATICS - I	16	F	F	0.0
2	R201117	APPLIED PHYSICS	10	F	AB	0.0
12 . 20MC1A0596						
1	R201117	APPLIED PHYSICS	12	F	F	0.0
13 . 21KK1A0502						
1	R201101	MATHEMATICS - I	20	P	E	3.0
14 . 21MC1A0511						
1	R201117	APPLIED PHYSICS	19	F	F	0.0
15 . 21MC1A0522						
1	R201101	MATHEMATICS - I	21	F	F	0.0
16 . 21MC1A0530						
1	R201101	MATHEMATICS - I	24	F	F	0.0
17 . 21MC1A0539						
1	R201101	MATHEMATICS - I	20	F	AB	0.0
18 . 21MC1A0540						
1	R201101	MATHEMATICS - I	16	F	F	0.0
2	R201117	APPLIED PHYSICS	22	F	F	0.0
19 . 21MC1A0541						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201117	APPLIED PHYSICS	19	F	F	0.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
20 . 21MC1A0543						
1	R201117	APPLIED PHYSICS	21	F	F	0.0
21 . 21MC1A0546						
1	R201101	MATHEMATICS - I	22	F	F	0.0
22 . 21MC1A0551						
1	R201101	MATHEMATICS - I	23	P	D	3.0
23 . 21MC1A0552						
1	R201101	MATHEMATICS - I	22	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	19	P	E	3.0
24 . 21MC1A0556						
1	R201101	MATHEMATICS - I	17	F	F	0.0
25 . 21MC1A0557						
1	R201101	MATHEMATICS - I	23	P	E	3.0
26 . 21MC1A0558						
1	R201101	MATHEMATICS - I	19	F	F	0.0
27 . 21MC1A0588						
1	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	18	F	AB	0.0
28 . 21MC1A0590						
1	R201101	MATHEMATICS - I	18	F	AB	0.0
2	R201117	APPLIED PHYSICS	21	F	AB	0.0
29 . 21MC1A05B8						
1	R201117	APPLIED PHYSICS	18	P	D	3.0
30 . 22MC1A0510						
1	R201101	MATHEMATICS - I	11	F	AB	0.0
31 . 22MC1A0512						
1	R201101	MATHEMATICS - I	22	F	F	0.0
32 . 22MC1A0513						
1	R201101	MATHEMATICS - I	17	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	17	F	F	0.0
3	R201117	APPLIED PHYSICS	18	F	F	0.0
33 . 22MC1A0514						
1	R201101	MATHEMATICS - I	20	F	F	0.0
34 . 22MC1A0515						
1	R201101	MATHEMATICS - I	18	F	F	0.0
35 . 22MC1A0525						
1	R201101	MATHEMATICS - I	17	F	AB	0.0
2	R201117	APPLIED PHYSICS	22	F	AB	0.0
36 . 22MC1A0527						
1	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	21	P	E	3.0
37 . 22MC1A0530						
1	R201101	MATHEMATICS - I	18	F	F	0.0
38 . 22MC1A0531						
1	R201117	APPLIED PHYSICS	20	F	F	0.0
39 . 22MC1A0532						
1	R201101	MATHEMATICS - I	18	F	F	0.0
2	R201117	APPLIED PHYSICS	22	F	F	0.0
40 . 22MC1A0538						
1	R201101	MATHEMATICS - I	22	F	F	0.0
41 . 22MC1A0540						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201117	APPLIED PHYSICS	21	P	C	3.0
42 . 22MC1A0542						
1	R201101	MATHEMATICS - I	20	F	F	0.0
43 . 22MC1A0563						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	22	P	E	3.0
44 . 22MC1A0569						
1	R201101	MATHEMATICS - I	12	F	F	0.0
45 . 22MC1A0575						
1	R201101	MATHEMATICS - I	13	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	8	F	F	0.0
3	R201117	APPLIED PHYSICS	17	F	F	0.0
46 . 22MC1A0577						
1	R201101	MATHEMATICS - I	22	F	F	0.0
47 . 22MC1A0583						
1	R201101	MATHEMATICS - I	23	F	F	0.0
48 . 22MC1A0585						
1	R201101	MATHEMATICS - I	16	F	F	0.0
49 . 22MC1A0586						
1	R201101	MATHEMATICS - I	16	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	17	F	F	0.0
3	R201117	APPLIED PHYSICS	17	F	F	0.0
50 . 22MC1A0587						
1	R201101	MATHEMATICS - I	17	F	F	0.0
51 . 22MC1A0589						
1	R201101	MATHEMATICS - I	17	F	F	0.0
2	R201117	APPLIED PHYSICS	20	P	D	3.0
52 . 22MC1A0591						
1	R201101	MATHEMATICS - I	17	F	F	0.0
53 . 22MC1A0593						
1	R201101	MATHEMATICS - I	24	F	AB	0.0
54 . 22MC1A0596						
1	R201101	MATHEMATICS - I	16	F	F	0.0
55 . 22MC1A0599						
1	R201101	MATHEMATICS - I	20	F	F	0.0
56 . 22MC1A05A2						
1	R201101	MATHEMATICS - I	20	F	F	0.0
57 . 22MC1A05A8						
1	R201101	MATHEMATICS - I	18	F	F	0.0
58 . 22MC1A05A9						
1	R201101	MATHEMATICS - I	16	F	F	0.0
59 . 22MC1A05B2						
1	R201101	MATHEMATICS - I	23	F	AB	0.0
2	R201117	APPLIED PHYSICS	23	F	AB	0.0
60 . 22MC1A05B7						
1	R201101	MATHEMATICS - I	21	F	F	0.0
61 . 22MC1A05B8						
1	R201101	MATHEMATICS - I	22	P	E	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
62 . 22MC1A05C3						
1	R201101	MATHEMATICS - I	22	F	F	0.0
63 . 22MC1A05C5						
1	R201101	MATHEMATICS - I	24	P	E	3.0
64 . 22MC1A05C9						
1	R201101	MATHEMATICS - I	24	F	F	0.0
2	R201117	APPLIED PHYSICS	18	F	F	0.0
65 . 22MC1A05D3						
1	R201101	MATHEMATICS - I	17	F	F	0.0
66 . 22MC1A05D5						
1	R201101	MATHEMATICS - I	23	F	F	0.0
2	R201117	APPLIED PHYSICS	16	P	E	3.0
67 . 22MC1A05D7						
1	R201101	MATHEMATICS - I	21	F	F	0.0
68 . 22MC1A05E1						
1	R201101	MATHEMATICS - I	23	F	F	0.0
69 . 22MC1A05E4						
1	R201101	MATHEMATICS - I	26	F	F	0.0
70 . 22MC1A05F1						
1	R201117	APPLIED PHYSICS	22	P	C	3.0
71 . 22MC1A05F2						
1	R201101	MATHEMATICS - I	22	F	F	0.0
72 . 22MC1A05F9						
1	R201101	MATHEMATICS - I	20	F	F	0.0
73 . 22MC1A05G0						
1	R201101	MATHEMATICS - I	22	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

44: CSE(DATA SCIENCE)

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 22MC1A4413						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201102	COMMUNICATIVE ENGLISH	19	F	F	0.0
3	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	12	F	F	0.0
4	R201115	APPLIED CHEMISTRY	18	F	F	0.0
2 . 22MC1A4419						
1	R201101	MATHEMATICS - I	23	P	E	3.0
3 . 22MC1A4420						
1	R201101	MATHEMATICS - I	24	F	F	0.0
4 . 22MC1A4424						
1	R201101	MATHEMATICS - I	20	F	F	0.0
5 . 22MC1A4432						
1	R201101	MATHEMATICS - I	3	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	9	F	F	0.0
3	R201115	APPLIED CHEMISTRY	9	F	F	0.0
6 . 22MC1A4433						
1	R201101	MATHEMATICS - I	18	F	F	0.0
7 . 22MC1A4435						
1	R201101	MATHEMATICS - I	23	F	F	0.0
8 . 22MC1A4437						
1	R201101	MATHEMATICS - I	22	F	AB	0.0
2	R201115	APPLIED CHEMISTRY	19	F	AB	0.0
9 . 22MC1A4444						
1	R201101	MATHEMATICS - I	22	F	AB	0.0
2	R201115	APPLIED CHEMISTRY	19	F	F	0.0
10 . 22MC1A4445						
1	R201101	MATHEMATICS - I	20	F	F	0.0
11 . 22MC1A4446						
1	R201101	MATHEMATICS - I	19	F	AB	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	17	F	AB	0.0
12 . 22MC1A4448						
1	R201101	MATHEMATICS - I	23	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

61: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 21MC1A6126						
1	R201101	MATHEMATICS - I	18	F	AB	0.0
2	R201115	APPLIED CHEMISTRY	15	F	AB	0.0
2 . 21MC1A6129						
1	R201115	APPLIED CHEMISTRY	18	F	F	0.0
3 . 21MC1A6132						
1	R201115	APPLIED CHEMISTRY	19	F	F	0.0
4 . 21MC1A6142						
1	R201115	APPLIED CHEMISTRY	18	F	AB	0.0
5 . 21MC1A6145						
1	R201101	MATHEMATICS - I	19	F	F	0.0
6 . 21MC1A6146						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201115	APPLIED CHEMISTRY	15	F	F	0.0
7 . 21MC1A6148						
1	R201115	APPLIED CHEMISTRY	18	F	F	0.0
8 . 22MC1A6101						
1	R201101	MATHEMATICS - I	22	F	F	0.0
9 . 22MC1A6105						
1	R201101	MATHEMATICS - I	20	F	F	0.0
10 . 22MC1A6108						
1	R201101	MATHEMATICS - I	22	F	F	0.0
2	R201110	PROGRAMMING FOR PROBLEM SOLVING USING C	22	F	F	0.0
3	R201115	APPLIED CHEMISTRY	18	F	F	0.0
11 . 22MC1A6111						
1	R201101	MATHEMATICS - I	23	F	F	0.0
2	R201115	APPLIED CHEMISTRY	21	F	F	0.0
12 . 22MC1A6113						
1	R201101	MATHEMATICS - I	20	F	F	0.0
2	R201115	APPLIED CHEMISTRY	19	F	AB	0.0
13 . 22MC1A6125						
1	R201101	MATHEMATICS - I	21	F	F	0.0
2	R201115	APPLIED CHEMISTRY	21	F	F	0.0
14 . 22MC1A6126						
1	R201101	MATHEMATICS - I	19	F	F	0.0
2	R201115	APPLIED CHEMISTRY	17	F	F	0.0
15 . 22MC1A6127						
1	R201101	MATHEMATICS - I	22	F	F	0.0
16 . 22MC1A6134						
1	R201101	MATHEMATICS - I	23	F	F	0.0
17 . 22MC1A6136						
1	R201115	APPLIED CHEMISTRY	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
18 . 22MC1A6148						
1	R201101	MATHEMATICS - I	17	F	F	0.0
19 . 22MC1A6150						
1	R201101	MATHEMATICS - I	21	F	AB	0.0
2	R201115	APPLIED CHEMISTRY	19	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R23) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A0101						
1	R231107	INTRODUCTION TO PROGRAMMING	21	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	17	P	E	3.0
2 . 23MC1A0102						
1	R231105	LINEAR ALGEBRA & CALCULUS	21	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R23) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A0403						
1	R231108	ENGINEERING PHYSICS	21	F	F	0.0
2 . 23MC1A0405						
1	R231108	ENGINEERING PHYSICS	18	F	F	0.0
3 . 23MC1A0414						
1	R231107	INTRODUCTION TO PROGRAMMING	20	F	F	0.0
2	R231108	ENGINEERING PHYSICS	19	P	E	3.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	18	P	E	3.0
4 . 23MC1A0416						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
5 . 23MC1A0417						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231108	ENGINEERING PHYSICS	22	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	23	F	F	0.0
6 . 23MC1A0419						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
7 . 23MC1A0426						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
8 . 23MC1A0427						
1	R231108	ENGINEERING PHYSICS	19	F	F	0.0
9 . 23MC1A0429						
1	R231107	INTRODUCTION TO PROGRAMMING	23	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	11	F	F	0.0
10 . 23MC1A0431						
1	R231107	INTRODUCTION TO PROGRAMMING	18	F	F	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
11 . 23MC1A0438						
1	R231105	LINEAR ALGEBRA & CALCULUS	12	F	AB	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	24	F	F	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
4	R231110	ENGINEERING GRAPHICS	17	F	F	0.0
12 . 23MC1A0439						
1	R231108	ENGINEERING PHYSICS	22	F	F	0.0
2	R231110	ENGINEERING GRAPHICS	18	F	AB	0.0
13 . 23MC1A0441						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	22	F	F	0.0
3	R231108	ENGINEERING PHYSICS	19	F	F	0.0
4	R231110	ENGINEERING GRAPHICS	17	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
14 . 23MC1A0444						
1	R231105	LINEAR ALGEBRA & CALCULUS	22	F	AB	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
15 . 23MC1A0445						
1	R231110	ENGINEERING GRAPHICS	28	F	AB	0.0
16 . 23MC1A0449						
1	R231105	LINEAR ALGEBRA & CALCULUS	24	F	F	0.0
2	R231108	ENGINEERING PHYSICS	22	F	F	0.0
17 . 23MC1A0450						
1	R231105	LINEAR ALGEBRA & CALCULUS	25	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	19	F	F	0.0
18 . 23MC1A0453						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	AB	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	20	F	AB	0.0
3	R231108	ENGINEERING PHYSICS	20	F	F	0.0
19 . 23MC1A0458						
1	R231107	INTRODUCTION TO PROGRAMMING	22	F	AB	0.0
2	R231108	ENGINEERING PHYSICS	8	F	AB	0.0
20 . 23MC1A0466						
1	R231105	LINEAR ALGEBRA & CALCULUS	24	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	21	F	F	0.0
3	R231108	ENGINEERING PHYSICS	22	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	18	F	F	0.0
5	R231110	ENGINEERING GRAPHICS	16	F	F	0.0
21 . 23MC1A0467						
1	R231107	INTRODUCTION TO PROGRAMMING	21	F	F	0.0
2	R231108	ENGINEERING PHYSICS	23	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	28	F	F	0.0
22 . 23MC1A0469						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	23	F	F	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
23 . 23MC1A0471						
1	R231105	LINEAR ALGEBRA & CALCULUS	20	F	F	0.0
2	R231108	ENGINEERING PHYSICS	24	F	F	0.0
24 . 23MC1A0474						
1	R231108	ENGINEERING PHYSICS	18	F	F	0.0
25 . 23MC1A0476						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	P	E	3.0
26 . 23MC1A0477						
1	R231110	ENGINEERING GRAPHICS	18	P	E	3.0
27 . 23MC1A0478						
1	R231108	ENGINEERING PHYSICS	18	F	F	0.0
28 . 23MC1A0482						
1	R231108	ENGINEERING PHYSICS	17	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	12	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	18	F	F	0.0
29 . 23MC1A0483						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
30 . 23MC1A0485						
1	R231105	LINEAR ALGEBRA & CALCULUS	11	F	F	0.0
31 . 23MC1A0487						
1	R231105	LINEAR ALGEBRA & CALCULUS	7	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	22	F	F	0.0
3	R231108	ENGINEERING PHYSICS	20	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	14	F	F	0.0
5	R231110	ENGINEERING GRAPHICS	17	F	F	0.0
32 . 23MC1A0490						
1	R231105	LINEAR ALGEBRA & CALCULUS	13	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	21	F	F	0.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
1	R231103	CHEMISTRY	17	F	AB	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	21	F	AB	0.0
17 . 23MC1A0568						
1	R231103	CHEMISTRY	16	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	18	F	F	0.0
18 . 23MC1A0570						
1	R231103	CHEMISTRY	18	F	F	0.0
19 . 23MC1A0574						
1	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	22	F	F	0.0
20 . 23MC1A0578						
1	R231105	LINEAR ALGEBRA & CALCULUS	21	F	F	0.0
2	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	18	F	F	0.0
21 . 23MC1A0580						
1	R231103	CHEMISTRY	12	F	AB	0.0
2	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	16	F	F	0.0
3	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
22 . 23MC1A0582						
1	R231105	LINEAR ALGEBRA & CALCULUS	23	F	F	0.0
23 . 23MC1A0584						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	19	P	E	3.0
24 . 23MC1A0592						
1	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
25 . 23MC1A05A3						
1	R231103	CHEMISTRY	16	F	F	0.0
26 . 23MC1A05A6						
1	R231105	LINEAR ALGEBRA & CALCULUS	21	F	F	0.0
27 . 23MC1A05B5						
1	R231103	CHEMISTRY	9	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	19	F	AB	0.0
28 . 23MC1A05B6						
1	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	10	F	AB	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	19	F	AB	0.0
29 . 23MC1A05B9						
1	R231103	CHEMISTRY	16	F	AB	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	12	F	F	0.0
30 . 23MC1A05C0						
1	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	20	F	AB	0.0
31 . 23MC1A05C3						
1	R231103	CHEMISTRY	11	F	AB	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
3	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	17	F	F	0.0
32 . 23MC1A05C6						
1	R231103	CHEMISTRY	16	F	F	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	23	F	F	0.0
33 . 23MC1A05C8						
1	R231103	CHEMISTRY	12	F	F	0.0
34 . 23MC1A05D0						
1	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
35 . 23MC1A05D6						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R231103	CHEMISTRY	9	F	F	0.0
2	R231106	BASIC CIVIL & MECHANICAL ENGINEERING	16	F	F	0.0
36 . 23MC1A05D7						
1	R231103	CHEMISTRY	12	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	18	F	F	0.0
37 . 23MC1A05D9						
1	R231105	LINEAR ALGEBRA & CALCULUS	21	F	F	0.0
38 . 23MC1A05F0						
1	R231103	CHEMISTRY	12	F	F	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
3	R231107	INTRODUCTION TO PROGRAMMING	19	F	F	0.0
39 . 23MC1A05F2						
1	R231103	CHEMISTRY	18	P	E	3.0
40 . 23MC1A05G0						
1	R231107	INTRODUCTION TO PROGRAMMING	14	F	F	0.0
41 . 23MC1A05G2						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
42 . 23MC1A05G3						
1	R231103	CHEMISTRY	11	F	F	0.0
2	R231105	LINEAR ALGEBRA & CALCULUS	17	F	AB	0.0
3	R231107	INTRODUCTION TO PROGRAMMING	19	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R23) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

44: CSE(DATA SCIENCE)

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A4402						
1	R231105	LINEAR ALGEBRA & CALCULUS	23	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
3	R231108	ENGINEERING PHYSICS	21	P	E	3.0
2 . 23MC1A4404						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
3 . 23MC1A4405						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	AB	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	19	F	F	0.0
3	R231108	ENGINEERING PHYSICS	19	P	E	3.0
4	R231110	ENGINEERING GRAPHICS	17	F	AB	0.0
4 . 23MC1A4406						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
2	R231108	ENGINEERING PHYSICS	19	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	21	F	F	0.0
5 . 23MC1A4412						
1	R231108	ENGINEERING PHYSICS	22	F	AB	0.0
2	R231110	ENGINEERING GRAPHICS	27	F	AB	0.0
6 . 23MC1A4413						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231108	ENGINEERING PHYSICS	22	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	28	F	F	0.0
7 . 23MC1A4414						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	P	E	3.0
2	R231110	ENGINEERING GRAPHICS	28	F	F	0.0
8 . 23MC1A4416						
1	R231108	ENGINEERING PHYSICS	20	F	F	0.0
9 . 23MC1A4417						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	18	F	F	0.0
4	R231110	ENGINEERING GRAPHICS	16	F	F	0.0
10 . 23MC1A4418						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
3	R231108	ENGINEERING PHYSICS	18	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	21	P	E	3.0
11 . 23MC1A4419						
1	R231108	ENGINEERING PHYSICS	18	P	E	3.0
12 . 23MC1A4420						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	12	P	E	3.0
3	R231108	ENGINEERING PHYSICS	13	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
4	R231110	ENGINEERING GRAPHICS	16	P	E	3.0
13 . 23MC1A4422						
1	R231107	INTRODUCTION TO PROGRAMMING	19	F	F	0.0
2	R231110	ENGINEERING GRAPHICS	26	F	F	0.0
14 . 23MC1A4424						
1	R231110	ENGINEERING GRAPHICS	21	F	F	0.0
15 . 23MC1A4425						
1	R231105	LINEAR ALGEBRA & CALCULUS	20	F	F	0.0
2	R231110	ENGINEERING GRAPHICS	16	P	D	3.0
16 . 23MC1A4431						
1	R231107	INTRODUCTION TO PROGRAMMING	7	F	AB	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	17	F	AB	0.0
17 . 23MC1A4433						
1	R231108	ENGINEERING PHYSICS	17	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	21	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	27	F	F	0.0
18 . 23MC1A4437						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	AB	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
19 . 23MC1A4439						
1	R231108	ENGINEERING PHYSICS	19	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	20	F	AB	0.0
3	R231110	ENGINEERING GRAPHICS	18	F	AB	0.0
20 . 23MC1A4441						
1	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
2	R231108	ENGINEERING PHYSICS	21	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	20	F	AB	0.0
21 . 23MC1A4445						
1	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	F	F	0.0
3	R231110	ENGINEERING GRAPHICS	23	F	F	0.0
22 . 23MC1A4446						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
23 . 23MC1A4452						
1	R231107	INTRODUCTION TO PROGRAMMING	8	F	F	0.0
2	R231108	ENGINEERING PHYSICS	18	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	18	F	F	0.0
4	R231110	ENGINEERING GRAPHICS	18	F	F	0.0
24 . 23MC1A4457						
1	R231105	LINEAR ALGEBRA & CALCULUS	14	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	12	F	AB	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
4	R231110	ENGINEERING GRAPHICS	16	F	F	0.0
25 . 23MC1A4458						
1	R231105	LINEAR ALGEBRA & CALCULUS	13	F	F	0.0
2	R231108	ENGINEERING PHYSICS	20	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	17	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year I Semester (R23) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

61: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A6101						
1	R231105	LINEAR ALGEBRA & CALCULUS	16	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	14	F	F	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	8	F	F	0.0
5	R231110	ENGINEERING GRAPHICS	18	F	F	0.0
2 . 23MC1A6102						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	17	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	18	F	F	0.0
3 . 23MC1A6107						
1	R231108	ENGINEERING PHYSICS	17	P	E	3.0
4 . 23MC1A6116						
1	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	18	F	AB	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	21	F	F	0.0
5 . 23MC1A6120						
1	R231108	ENGINEERING PHYSICS	20	F	F	0.0
6 . 23MC1A6123						
1	R231108	ENGINEERING PHYSICS	18	F	F	0.0
7 . 23MC1A6126						
1	R231110	ENGINEERING GRAPHICS	26	F	F	0.0
8 . 23MC1A6128						
1	R231108	ENGINEERING PHYSICS	22	P	D	3.0
9 . 23MC1A6135						
1	R231108	ENGINEERING PHYSICS	18	P	E	3.0
10 . 23MC1A6136						
1	R231108	ENGINEERING PHYSICS	17	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	17	P	E	3.0
11 . 23MC1A6138						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
12 . 23MC1A6140						
1	R231108	ENGINEERING PHYSICS	18	F	F	0.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	14	F	AB	0.0
13 . 23MC1A6143						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
14 . 23MC1A6145						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	18	F	F	0.0
15 . 23MC1A6148						
1	R231108	ENGINEERING PHYSICS	18	F	AB	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	19	F	AB	0.0
16 . 23MC1A6151						
1	R231107	INTRODUCTION TO PROGRAMMING	19	F	AB	0.0
2	R231108	ENGINEERING PHYSICS	21	F	AB	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	19	F	AB	0.0
17 . 23MC1A6153						
1	R231105	LINEAR ALGEBRA & CALCULUS	19	F	F	0.0
2	R231108	ENGINEERING PHYSICS	22	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	22	F	F	0.0
18 . 23MC1A6155						
1	R231105	LINEAR ALGEBRA & CALCULUS	17	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	16	F	AB	0.0
19 . 23MC1A6156						
1	R231107	INTRODUCTION TO PROGRAMMING	16	F	F	0.0
2	R231108	ENGINEERING PHYSICS	17	F	F	0.0
3	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	16	F	F	0.0
20 . 23MC1A6159						
1	R231108	ENGINEERING PHYSICS	18	P	E	3.0
2	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	15	P	E	3.0
3	R231110	ENGINEERING GRAPHICS	23	F	F	0.0
21 . 23MC1A6162						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	14	F	F	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	10	F	AB	0.0
5	R231110	ENGINEERING GRAPHICS	18	F	AB	0.0
22 . 23MC1A6164						
1	R231108	ENGINEERING PHYSICS	20	F	F	0.0
23 . 23MC1A6165						
1	R231107	INTRODUCTION TO PROGRAMMING	17	F	F	0.0
2	R231108	ENGINEERING PHYSICS	14	F	F	0.0
24 . 23MC1A6166						
1	R231105	LINEAR ALGEBRA & CALCULUS	18	F	F	0.0
2	R231107	INTRODUCTION TO PROGRAMMING	13	F	F	0.0
3	R231108	ENGINEERING PHYSICS	16	F	F	0.0
4	R231109	BASIC ELECTRICAL & ELECTRONICS ENGINEERING	14	P	E	3.0
5	R231110	ENGINEERING GRAPHICS	18	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R16) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 18MC1A0106						
1	R161202	MATHEMATICS - II (MATHEMATICAL METHODS)	13	F	AB	0.0
2	R161206	ENGINEERING DRAWING	25	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R16) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

03: MECHANICAL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 18MC1A0311						
1	R161203	MATHEMATICS - III	16	F	F	0.0
2 . 18MC1A0314						
1	R161203	MATHEMATICS - III	9	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0104						
1	R19BS1203	MATHEMATICS-III	16	F	AB	0.0
2	R19ES1201	PROGRAMMING FOR PROBLEM SOLVING USING C	15	F	AB	0.0
2 . 19MC1A0123						
1	R19BS1203	MATHEMATICS-III	5	F	F	0.0
3 . 19MC1A0124						
1	R19BS1203	MATHEMATICS-III	10	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

02: ELECTRICAL & ELECTRONICS ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0202						
1	R19ES1217	ELECTRICAL CIRCUIT ANALYSIS-I	4	P	B	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0408						
1	R19BS1204	APPLIED PHYSICS	5	F	F	0.0
2 . 19MC1A0413						
1	R19BS1203	MATHEMATICS-III	16	F	F	0.0
3 . 19MC1A0459						
1	R19BS1202	MATHEMATICS-II	9	F	AB	0.0
2	R19BS1203	MATHEMATICS-III	17	F	AB	0.0
3	R19BS1204	APPLIED PHYSICS	17	F	AB	0.0
4 . 19MC1A0465						
1	R19BS1203	MATHEMATICS-III	17	F	AB	0.0
5 . 19MC1A0494						
1	R19BS1203	MATHEMATICS-III	10	F	F	0.0
6 . 19MC1A0496						
1	R19BS1203	MATHEMATICS-III	10	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R19) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 19MC1A0511						
1	R19BS1202	MATHEMATICS-II	15	P	D	3.0
2	R19BS1203	MATHEMATICS-III	8	F	F	0.0
2 . 19MC1A0515						
1	R19BS1203	MATHEMATICS-III	15	F	AB	0.0
3 . 19MC1A0516						
1	R19BS1203	MATHEMATICS-III	16	F	F	0.0
4 . 19MC1A0520						
1	R19BS1203	MATHEMATICS-III	14	F	AB	0.0
5 . 19MC1A0521						
1	R19BS1203	MATHEMATICS-III	16	F	AB	0.0
6 . 19MC1A0530						
1	R19BS1202	MATHEMATICS-II	10	P	D	3.0
2	R19BS1203	MATHEMATICS-III	8	F	F	0.0
7 . 19MC1A0534						
1	R19BS1203	MATHEMATICS-III	15	F	F	0.0
8 . 19MC1A0551						
1	R19BS1204	APPLIED PHYSICS	2	F	F	0.0
9 . 19MC1A0598						
1	R19BS1203	MATHEMATICS-III	15	F	F	0.0
10 . 19MC1A05A7						
1	R19BS1203	MATHEMATICS-III	7	F	F	0.0
11 . 19MC1A05B2						
1	R19BS1203	MATHEMATICS-III	16	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 20MC1A0106						
1	R201201	MATHEMATICS-II	16	F	F	0.0
2	R201203	ENGINEERING MECHANICS	11	F	F	0.0
2 . 21MC1A0101						
1	R201204	PROGRAMMING FOR PROBLEM SOLVING USING C	22	F	F	0.0
3 . 21MC1A0107						
1	R201202	ENGINEERING CHEMISTRY	22	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

02: ELECTRICAL & ELECTRONICS ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 22MC1A0201						
1	R201206	MATHEMATICS-III	22	P	D	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

03: MECHANICAL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 20MC1A0301						
1	R201201	MATHEMATICS-II	13	F	AB	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R201207	APPLIED PHYSICS	17	F	AB	0.0
2	R201213	NETWORK ANALYSIS	16	F	AB	0.0
17 . 22MC1A0424						
1	R201201	MATHEMATICS-II	19	F	F	0.0
2	R201212	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	19	F	F	0.0
3	R201213	NETWORK ANALYSIS	16	F	AB	0.0
18 . 22MC1A0428						
1	R201201	MATHEMATICS-II	18	F	F	0.0
2	R201207	APPLIED PHYSICS	16	F	F	0.0
3	R201213	NETWORK ANALYSIS	16	F	F	0.0
19 . 22MC1A0429						
1	R201207	APPLIED PHYSICS	18	F	F	0.0
2	R201213	NETWORK ANALYSIS	19	P	D	3.0
20 . 22MC1A0430						
1	R201207	APPLIED PHYSICS	17	F	F	0.0
2	R201213	NETWORK ANALYSIS	17	F	F	0.0
3	R201214	BASIC ELECTRICAL ENGINEERING	16	F	F	0.0
21 . 22MC1A0437						
1	R201213	NETWORK ANALYSIS	17	F	F	0.0
22 . 22MC1A0443						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201213	NETWORK ANALYSIS	17	F	F	0.0
23 . 22MC1A0444						
1	R201201	MATHEMATICS-II	19	F	F	0.0
2	R201212	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	F	F	0.0
3	R201213	NETWORK ANALYSIS	17	F	F	0.0
24 . 22MC1A0446						
1	R201213	NETWORK ANALYSIS	18	P	E	3.0
25 . 22MC1A0448						
1	R201212	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	18	F	F	0.0
2	R201213	NETWORK ANALYSIS	16	F	F	0.0
26 . 22MC1A0453						
1	R201213	NETWORK ANALYSIS	19	F	F	0.0
27 . 22MC1A0454						
1	R201201	MATHEMATICS-II	22	F	AB	0.0
2	R201212	OBJECT ORIENTED PROGRAMMING THROUGH JAVA	22	F	F	0.0
3	R201213	NETWORK ANALYSIS	22	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 20MC1A0512						
1	R201201	MATHEMATICS-II	17	F	AB	0.0
2	R201215	APPLIED CHEMISTRY	8	F	AB	0.0
2 . 20MC1A0515						
1	R201216	COMPUTER ORGANIZATION	11	F	AB	0.0
3 . 20MC1A0522						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201215	APPLIED CHEMISTRY	9	F	F	0.0
4 . 20MC1A0540						
1	R201201	MATHEMATICS-II	12	F	F	0.0
2	R201215	APPLIED CHEMISTRY	6	P	D	3.0
3	R201216	COMPUTER ORGANIZATION	11	F	F	0.0
5 . 20MC1A0545						
1	R201201	MATHEMATICS-II	17	F	AB	0.0
6 . 20MC1A0560						
1	R201215	APPLIED CHEMISTRY	9	F	AB	0.0
7 . 20MC1A0567						
1	R201215	APPLIED CHEMISTRY	16	P	E	3.0
2	R201216	COMPUTER ORGANIZATION	13	F	F	0.0
8 . 20MC1A0595						
1	R201216	COMPUTER ORGANIZATION	11	F	AB	0.0
2	R201218	DATA STRUCTURES	7	F	AB	0.0
3	R201225	PYTHON PROGRAMMING	10	F	AB	0.0
9 . 20MC1A0596						
1	R201216	COMPUTER ORGANIZATION	13	F	F	0.0
10 . 21MC1A0511						
1	R201216	COMPUTER ORGANIZATION	12	F	F	0.0
2	R201225	PYTHON PROGRAMMING	13	F	F	0.0
11 . 21MC1A0526						
1	R201201	MATHEMATICS-II	17	F	F	0.0
12 . 21MC1A0539						
1	R201215	APPLIED CHEMISTRY	20	F	F	0.0
13 . 21MC1A0540						
1	R201201	MATHEMATICS-II	8	F	F	0.0
2	R201218	DATA STRUCTURES	12	F	F	0.0
14 . 21MC1A0541						
1	R201215	APPLIED CHEMISTRY	19	F	F	0.0
2	R201218	DATA STRUCTURES	20	P	E	3.0
3	R201225	PYTHON PROGRAMMING	16	P	E	3.0
15 . 21MC1A0546						
1	R201225	PYTHON PROGRAMMING	16	F	F	0.0
2	R201201	MATHEMATICS-II	18	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
16 . 21MC1A0551						
1	R201215	APPLIED CHEMISTRY	8	P	D	3.0
17 . 21MC1A0552						
1	R201201	MATHEMATICS-II	16	F	F	0.0
18 . 21MC1A0556						
1	R201215	APPLIED CHEMISTRY	18	P	B	3.0
2	R201218	DATA STRUCTURES	13	P	E	3.0
3	R201225	PYTHON PROGRAMMING	12	F	F	0.0
19 . 21MC1A0563						
1	R201201	MATHEMATICS-II	19	F	AB	0.0
20 . 21MC1A0588						
1	R201201	MATHEMATICS-II	18	F	F	0.0
2	R201215	APPLIED CHEMISTRY	22	F	AB	0.0
21 . 21MC1A0590						
1	R201201	MATHEMATICS-II	16	F	AB	0.0
2	R201218	DATA STRUCTURES	17	F	AB	0.0
22 . 21MC1A05C1						
1	R201201	MATHEMATICS-II	18	F	AB	0.0
2	R201216	COMPUTER ORGANIZATION	19	F	AB	0.0
23 . 22MC1A0513						
1	R201201	MATHEMATICS-II	17	F	AB	0.0
2	R201215	APPLIED CHEMISTRY	22	F	AB	0.0
3	R201216	COMPUTER ORGANIZATION	19	F	AB	0.0
24 . 22MC1A0514						
1	R201215	APPLIED CHEMISTRY	17	P	E	3.0
25 . 22MC1A0521						
1	R201215	APPLIED CHEMISTRY	25	P	D	3.0
26 . 22MC1A0525						
1	R201215	APPLIED CHEMISTRY	22	F	AB	0.0
2	R201225	PYTHON PROGRAMMING	21	F	F	0.0
27 . 22MC1A0527						
1	R201216	COMPUTER ORGANIZATION	17	F	F	0.0
2	R201218	DATA STRUCTURES	17	F	F	0.0
28 . 22MC1A0551						
1	R201215	APPLIED CHEMISTRY	18	P	D	3.0
2	R201216	COMPUTER ORGANIZATION	17	F	F	0.0
3	R201225	PYTHON PROGRAMMING	18	F	F	0.0
29 . 22MC1A0563						
1	R201201	MATHEMATICS-II	19	F	F	0.0
2	R201225	PYTHON PROGRAMMING	17	F	F	0.0
30 . 22MC1A0569						
1	R201201	MATHEMATICS-II	23	F	F	0.0
31 . 22MC1A0575						
1	R201216	COMPUTER ORGANIZATION	18	F	F	0.0
2	R201201	MATHEMATICS-II	22	F	F	0.0
3	R201215	APPLIED CHEMISTRY	21	F	F	0.0
4	R201225	PYTHON PROGRAMMING	17	F	F	0.0
32 . 22MC1A0585						
1	R201201	MATHEMATICS-II	22	F	F	0.0
2	R201216	COMPUTER ORGANIZATION	18	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
33 . 22MC1A0586						
1	R201201	MATHEMATICS-II	25	F	F	0.0
2	R201215	APPLIED CHEMISTRY	24	F	F	0.0
34 . 22MC1A0587						
1	R201215	APPLIED CHEMISTRY	20	P	C	3.0
35 . 22MC1A0589						
1	R201215	APPLIED CHEMISTRY	17	P	E	3.0
2	R201216	COMPUTER ORGANIZATION	18	F	AB	0.0
36 . 22MC1A0591						
1	R201201	MATHEMATICS-II	5	F	F	0.0
2	R201215	APPLIED CHEMISTRY	5	P	E	3.0
3	R201216	COMPUTER ORGANIZATION	5	F	F	0.0
37 . 22MC1A0592						
1	R201225	PYTHON PROGRAMMING	17	P	E	3.0
38 . 22MC1A05A3						
1	R201201	MATHEMATICS-II	18	F	AB	0.0
2	R201216	COMPUTER ORGANIZATION	18	F	AB	0.0
39 . 22MC1A05A6						
1	R201201	MATHEMATICS-II	18	F	F	0.0
2	R201215	APPLIED CHEMISTRY	17	P	E	3.0
3	R201216	COMPUTER ORGANIZATION	18	F	F	0.0
4	R201225	PYTHON PROGRAMMING	17	F	F	0.0
40 . 22MC1A05A9						
1	R201201	MATHEMATICS-II	19	F	F	0.0
41 . 22MC1A05B2						
1	R201201	MATHEMATICS-II	22	F	AB	0.0
42 . 22MC1A05C9						
1	R201201	MATHEMATICS-II	24	F	AB	0.0
43 . 22MC1A05D7						
1	R201216	COMPUTER ORGANIZATION	19	F	F	0.0
2	R201218	DATA STRUCTURES	17	F	AB	0.0
44 . 22MC1A05E1						
1	R201201	MATHEMATICS-II	20	F	F	0.0
45 . 22MC1A05E5						
1	R201201	MATHEMATICS-II	20	F	F	0.0
46 . 22MC1A05F1						
1	R201201	MATHEMATICS-II	19	F	F	0.0
47 . 22MC1A05F8						
1	R201225	PYTHON PROGRAMMING	17	P	E	3.0
48 . 22MC1A05F9						
1	R201215	APPLIED CHEMISTRY	22	P	D	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

44: CSE(DATA SCIENCE)

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 22MC1A4413						
1	R201201	MATHEMATICS-II	17	F	AB	0.0
2	R201218	DATA STRUCTURES	19	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	17	F	F	0.0
2 . 22MC1A4432						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201207	APPLIED PHYSICS	17	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	19	F	AB	0.0
4	R201225	PYTHON PROGRAMMING	19	F	F	0.0
3 . 22MC1A4435						
1	R201201	MATHEMATICS-II	23	F	AB	0.0
2	R201221	DIGITAL LOGIC DESIGN	22	F	F	0.0
4 . 22MC1A4437						
1	R201201	MATHEMATICS-II	18	F	AB	0.0
2	R201207	APPLIED PHYSICS	18	F	AB	0.0
5 . 22MC1A4442						
1	R201201	MATHEMATICS-II	19	F	F	0.0
2	R201221	DIGITAL LOGIC DESIGN	22	F	F	0.0
6 . 22MC1A4444						
1	R201201	MATHEMATICS-II	22	F	F	0.0
2	R201221	DIGITAL LOGIC DESIGN	20	F	F	0.0
3	R201225	PYTHON PROGRAMMING	18	F	F	0.0
7 . 22MC1A4446						
1	R201221	DIGITAL LOGIC DESIGN	22	F	AB	0.0
2	R201201	MATHEMATICS-II	21	F	AB	0.0
8 . 22MC1A4448						
1	R201201	MATHEMATICS-II	18	F	AB	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R20) Supplementary June 26

MC: R K COLLEGE OF ENGINEERING

61: ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 21MC1A6126						
1	R201201	MATHEMATICS-II	16	F	AB	0.0
2	R201207	APPLIED PHYSICS	16	F	AB	0.0
3	R201225	PYTHON PROGRAMMING	12	F	AB	0.0
2 . 21MC1A6132						
1	R201201	MATHEMATICS-II	16	F	F	0.0
2	R201207	APPLIED PHYSICS	17	F	F	0.0
3	R201225	PYTHON PROGRAMMING	17	F	F	0.0
3 . 21MC1A6142						
1	R201221	DIGITAL LOGIC DESIGN	21	F	AB	0.0
4 . 21MC1A6143						
1	R201201	MATHEMATICS-II	17	F	F	0.0
5 . 21MC1A6146						
1	R201218	DATA STRUCTURES	14	F	F	0.0
2	R201221	DIGITAL LOGIC DESIGN	20	F	F	0.0
3	R201225	PYTHON PROGRAMMING	16	F	F	0.0
6 . 21MC1A6148						
1	R201201	MATHEMATICS-II	20	F	F	0.0
2	R201207	APPLIED PHYSICS	18	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	21	F	AB	0.0
4	R201225	PYTHON PROGRAMMING	14	F	F	0.0
7 . 22MC1A6105						
1	R201207	APPLIED PHYSICS	22	F	F	0.0
8 . 22MC1A6108						
1	R201207	APPLIED PHYSICS	18	F	F	0.0
9 . 22MC1A6111						
1	R201201	MATHEMATICS-II	16	F	F	0.0
10 . 22MC1A6113						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201207	APPLIED PHYSICS	17	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	18	F	F	0.0
11 . 22MC1A6125						
1	R201201	MATHEMATICS-II	17	F	F	0.0
12 . 22MC1A6126						
1	R201201	MATHEMATICS-II	17	F	AB	0.0
2	R201207	APPLIED PHYSICS	18	F	F	0.0
3	R201218	DATA STRUCTURES	19	F	F	0.0
4	R201221	DIGITAL LOGIC DESIGN	17	F	F	0.0
5	R201225	PYTHON PROGRAMMING	17	F	F	0.0
13 . 22MC1A6134						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201207	APPLIED PHYSICS	20	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	18	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
14 . 22MC1A6146						
1	R201207	APPLIED PHYSICS	22	F	F	0.0
15 . 22MC1A6150						
1	R201201	MATHEMATICS-II	17	F	F	0.0
2	R201207	APPLIED PHYSICS	20	F	F	0.0
3	R201221	DIGITAL LOGIC DESIGN	18	F	AB	0.0
4	R201225	PYTHON PROGRAMMING	17	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R23) Regular June 26

MC: R K COLLEGE OF ENGINEERING

01: CIVIL ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A0101						
1	R231208	ENGINEERING CHEMISTRY	19	F	F	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	17	P	E	3.0
2 . 23MC1A0102						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	AB	0.0
2	R231208	ENGINEERING CHEMISTRY	22	P	D	3.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R23) Regular June 26

MC: R K COLLEGE OF ENGINEERING

04: ELECTRONICS & COMMUNICATION ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A0401						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	23	F	F	0.0
2 . 23MC1A0405						
1	R231209	CHEMISTRY	17	F	F	0.0
2	R231213	NETWORK ANALYSIS	12	F	F	0.0
3 . 23MC1A0408						
1	R231213	NETWORK ANALYSIS	18	P	E	3.0
4 . 23MC1A0414						
1	R231209	CHEMISTRY	7	F	F	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	12	P	E	3.0
3	R231213	NETWORK ANALYSIS	7	F	F	0.0
5 . 23MC1A0416						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231213	NETWORK ANALYSIS	17	F	F	0.0
6 . 23MC1A0417						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	14	F	F	0.0
2	R231209	CHEMISTRY	13	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	9	F	F	0.0
4	R231213	NETWORK ANALYSIS	11	F	F	0.0
7 . 23MC1A0422						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231213	NETWORK ANALYSIS	17	F	F	0.0
8 . 23MC1A0423						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	13	F	F	0.0
9 . 23MC1A0424						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
10 . 23MC1A0426						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
2	R231213	NETWORK ANALYSIS	14	F	F	0.0
11 . 23MC1A0429						
1	R231209	CHEMISTRY	14	F	F	0.0
2	R231213	NETWORK ANALYSIS	11	F	F	0.0
12 . 23MC1A0431						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	F	0.0
2	R231209	CHEMISTRY	13	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	9	F	F	0.0
4	R231213	NETWORK ANALYSIS	13	F	F	0.0
13 . 23MC1A0436						
1	R231213	NETWORK ANALYSIS	12	F	F	0.0
14 . 23MC1A0438						
1	R231209	CHEMISTRY	9	F	F	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	9	F	AB	0.0

SINo	SubCode	SubName	IM	Res	Grade	Credits
3	R231213	NETWORK ANALYSIS	10	F	F	0.0
15 . 23MC1A0439						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	F	0.0
2	R231213	NETWORK ANALYSIS	18	F	AB	0.0
16 . 23MC1A0441						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	F	0.0
2	R231209	CHEMISTRY	17	F	F	0.0
3	R231213	NETWORK ANALYSIS	12	F	F	0.0
17 . 23MC1A0444						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	F	0.0
2	R231209	CHEMISTRY	12	F	AB	0.0
3	R231213	NETWORK ANALYSIS	13	F	AB	0.0
18 . 23MC1A0445						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
19 . 23MC1A0447						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	P	D	3.0
20 . 23MC1A0448						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	23	P	D	3.0
21 . 23MC1A0450						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
2	R231213	NETWORK ANALYSIS	11	P	E	3.0
22 . 23MC1A0451						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	12	F	F	0.0
23 . 23MC1A0453						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	F	0.0
2	R231209	CHEMISTRY	17	F	AB	0.0
24 . 23MC1A0455						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	P	E	3.0
2	R231213	NETWORK ANALYSIS	16	F	F	0.0
25 . 23MC1A0458						
1	R231209	CHEMISTRY	5	F	AB	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	10	F	AB	0.0
26 . 23MC1A0459						
1	R231209	CHEMISTRY	7	F	F	0.0
2	R231213	NETWORK ANALYSIS	13	F	F	0.0
27 . 23MC1A0466						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	14	F	F	0.0
28 . 23MC1A0467						
1	R231209	CHEMISTRY	12	F	F	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	17	P	E	3.0
3	R231213	NETWORK ANALYSIS	17	F	F	0.0
29 . 23MC1A0469						
1	R231209	CHEMISTRY	13	F	F	0.0
2	R231213	NETWORK ANALYSIS	11	F	F	0.0
30 . 23MC1A0471						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	9	F	F	0.0
31 . 23MC1A0474						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
2	R231213	NETWORK ANALYSIS	12	F	F	0.0
32 . 23MC1A0476						

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	F	0.0
2	R231213	NETWORK ANALYSIS	16	F	F	0.0
33 . 23MC1A0477						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	P	C	3.0
2	R231213	NETWORK ANALYSIS	18	F	F	0.0
34 . 23MC1A0478						
1	R231213	NETWORK ANALYSIS	14	P	E	3.0
35 . 23MC1A0482						
1	R231209	CHEMISTRY	8	F	F	0.0
2	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	11	F	F	0.0
3	R231213	NETWORK ANALYSIS	9	F	F	0.0
36 . 23MC1A0483						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
2	R231213	NETWORK ANALYSIS	12	F	F	0.0
37 . 23MC1A0485						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	F	0.0
2	R231213	NETWORK ANALYSIS	14	F	F	0.0
38 . 23MC1A0490						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	12	F	F	0.0



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA

BTECH I Year II Semester (R23) Regular June 26

MC: R K COLLEGE OF ENGINEERING

05: COMPUTER SCIENCE AND ENGINEERING

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1 . 23MC1A0505						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	19	P	E	3.0
2 . 23MC1A0510						
1	R231201	ENGINEERING PHYSICS	20	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	13	F	AB	0.0
4	R231204	ENGINEERING GRAPHICS	22	F	F	0.0
3 . 23MC1A0512						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	22	P	E	3.0
4 . 23MC1A0514						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	21	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	22	F	F	0.0
5 . 23MC1A0515						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
6 . 23MC1A0517						
1	R231201	ENGINEERING PHYSICS	22	F	F	0.0
2	R231205	DATA STRUCTURES	21	P	E	3.0
7 . 23MC1A0524						
1	R231201	ENGINEERING PHYSICS	19	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
3	R231204	ENGINEERING GRAPHICS	18	F	F	0.0
8 . 23MC1A0525						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
9 . 23MC1A0528						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
10 . 23MC1A0539						
1	R231201	ENGINEERING PHYSICS	19	F	AB	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	17	F	F	0.0
11 . 23MC1A0546						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
12 . 23MC1A0549						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	23	F	F	0.0
13 . 23MC1A0553						
1	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	20	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
14 . 23MC1A0555						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
15 . 23MC1A0556						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	P	D	3.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
16 . 23MC1A0557						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	15	P	E	3.0
3	R231204	ENGINEERING GRAPHICS	22	F	F	0.0
17 . 23MC1A0558						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	15	P	E	3.0
3	R231204	ENGINEERING GRAPHICS	18	F	F	0.0
18 . 23MC1A0559						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	17	F	F	0.0
19 . 23MC1A0565						
1	R231201	ENGINEERING PHYSICS	13	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	8	F	AB	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	8	F	F	0.0
4	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
5	R231205	DATA STRUCTURES	5	P	E	3.0
20 . 23MC1A0566						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	9	F	AB	0.0
3	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
21 . 23MC1A0568						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
22 . 23MC1A0569						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
23 . 23MC1A0570						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
24 . 23MC1A0573						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	P	E	3.0
25 . 23MC1A0574						
1	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	22	F	F	0.0
2	R231205	DATA STRUCTURES	14	P	D	3.0
26 . 23MC1A0578						
1	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	8	F	AB	0.0
2	R231205	DATA STRUCTURES	11	F	AB	0.0
27 . 23MC1A0580						
1	R231201	ENGINEERING PHYSICS	18	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	16	F	F	0.0
3	R231205	DATA STRUCTURES	18	P	D	3.0
28 . 23MC1A0582						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
29 . 23MC1A0584						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
30 . 23MC1A0586						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
31 . 23MC1A0592						
1	R231205	DATA STRUCTURES	22	P	C	3.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
32 . 23MC1A0596						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	P	E	3.0
33 . 23MC1A05A3						
1	R231201	ENGINEERING PHYSICS	18	F	F	0.0
2	R231205	DATA STRUCTURES	19	F	F	0.0
34 . 23MC1A05A6						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
35 . 23MC1A05B3						
1	R231201	ENGINEERING PHYSICS	18	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	18	F	F	0.0
36 . 23MC1A05B6						
1	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	17	F	AB	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
37 . 23MC1A05B8						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
38 . 23MC1A05B9						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	17	F	F	0.0
3	R231205	DATA STRUCTURES	15	P	E	3.0
39 . 23MC1A05C0						
1	R231201	ENGINEERING PHYSICS	18	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	19	F	AB	0.0
40 . 23MC1A05C4						
1	R231201	ENGINEERING PHYSICS	14	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	13	F	F	0.0
3	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
41 . 23MC1A05C5						
1	R231201	ENGINEERING PHYSICS	22	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	AB	0.0
42 . 23MC1A05C8						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
3	R231205	DATA STRUCTURES	19	P	E	3.0
43 . 23MC1A05C9						
1	R231201	ENGINEERING PHYSICS	17	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	19	F	F	0.0
4	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
44 . 23MC1A05D0						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	13	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
45 . 23MC1A05D4						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	P	E	3.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
46 . 23MC1A05D6						
1	R231201	ENGINEERING PHYSICS	17	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
3	R231205	DATA STRUCTURES	16	F	F	0.0
47 . 23MC1A05D7						
1	R231201	ENGINEERING PHYSICS	16	F	AB	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	11	F	F	0.0
3	R231205	DATA STRUCTURES	14	F	AB	0.0
48 . 23MC1A05D8						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	P	E	3.0
49 . 23MC1A05D9						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	F	0.0
50 . 23MC1A05E4						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	23	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	P	E	3.0
51 . 23MC1A05E7						
1	R231201	ENGINEERING PHYSICS	13	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	10	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	9	F	AB	0.0
52 . 23MC1A05E8						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	AB	0.0
53 . 23MC1A05F0						
1	R231201	ENGINEERING PHYSICS	14	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	13	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	16	F	F	0.0
54 . 23MC1A05F3						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	18	F	F	0.0
55 . 23MC1A05F4						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
56 . 23MC1A05F8						
1	R231201	ENGINEERING PHYSICS	19	F	F	0.0
2	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	7	F	F	0.0
57 . 23MC1A05G0						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	22	F	F	0.0
2	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
58 . 23MC1A05G2						
1	R231201	ENGINEERING PHYSICS	18	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
3	R231203	BASIC ELECTRICAL&ELECTRONICS ENGINEERING	17	F	F	0.0
4	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
5	R231205	DATA STRUCTURES	12	F	F	0.0
59 . 23MC1A05G3						
1	R231201	ENGINEERING PHYSICS	16	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	AB	0.0
3	R231204	ENGINEERING GRAPHICS	16	F	F	0.0
60 . 23MC1A05G4						
1	R231201	ENGINEERING PHYSICS	22	F	F	0.0
2	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	20	F	F	0.0
3	R231204	ENGINEERING GRAPHICS	16	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	AB	0.0
2	R231209	CHEMISTRY	10	F	AB	0.0
17 . 23MC1A4441						
1	R231209	CHEMISTRY	17	F	AB	0.0
18 . 23MC1A4443						
1	R231205	DATA STRUCTURES	13	F	F	0.0
2	R231209	CHEMISTRY	11	F	AB	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	17	F	F	0.0
19 . 23MC1A4445						
1	R231205	DATA STRUCTURES	7	F	F	0.0
2	R231209	CHEMISTRY	12	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	17	P	D	3.0
20 . 23MC1A4447						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
21 . 23MC1A4449						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
22 . 23MC1A4455						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	10	F	F	0.0
2	R231205	DATA STRUCTURES	12	F	F	0.0
3	R231209	CHEMISTRY	16	F	F	0.0
23 . 23MC1A4458						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
24 . 23MC1A4459						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0

SlNo	SubCode	SubName	IM	Res	Grade	Credits
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	14	F	F	0.0
19 . 23MC1A6147						
1	R231209	CHEMISTRY	17	F	F	0.0
20 . 23MC1A6148						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	16	F	AB	0.0
2	R231209	CHEMISTRY	16	F	AB	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	16	F	AB	0.0
21 . 23MC1A6149						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	18	F	F	0.0
22 . 23MC1A6151						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	11	F	AB	0.0
2	R231205	DATA STRUCTURES	9	F	AB	0.0
3	R231209	CHEMISTRY	18	F	F	0.0
4	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	13	F	AB	0.0
23 . 23MC1A6153						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	19	F	F	0.0
24 . 23MC1A6154						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231209	CHEMISTRY	17	F	F	0.0
25 . 23MC1A6155						
1	R231205	DATA STRUCTURES	12	F	F	0.0
2	R231209	CHEMISTRY	18	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	12	F	F	0.0
26 . 23MC1A6156						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231209	CHEMISTRY	19	F	F	0.0
27 . 23MC1A6159						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	17	F	F	0.0
2	R231205	DATA STRUCTURES	16	P	D	3.0
3	R231209	CHEMISTRY	17	F	F	0.0
28 . 23MC1A6162						
1	R231205	DATA STRUCTURES	16	F	F	0.0
2	R231209	CHEMISTRY	16	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	9	F	F	0.0
29 . 23MC1A6164						
1	R231209	CHEMISTRY	17	F	F	0.0
30 . 23MC1A6165						
1	R231205	DATA STRUCTURES	13	F	F	0.0
2	R231209	CHEMISTRY	18	F	F	0.0
3	R231211	BASIC CIVIL&MECHANICAL ENGINEERING	17	P	E	3.0
31 . 23MC1A6166						
1	R231202	DIFFERENTIAL EQUATIONS&VECTOR CALCULUS	13	F	F	0.0
2	R231205	DATA STRUCTURES	17	F	F	0.0
3	R231209	CHEMISTRY	16	F	F	0.0