```
C:\Users\Aryan\AppData\Local\Programs\Python\Python38-32\python.exe C:/Users/Aryan/PycharmProjects/PDF_TEXT/pdftext.py
40
Department of Electrical Engineering
, JMI




Curriculum & Syllabi

Page

2

|
40


B. TECH. ELECTRICAL ENGINEERING
COURSE STRUCTURE

UNDER THE CHOICE BASE CREDIT SYSTEM (CBCS
)


Effective from
July
-
2018


Abbreviation

BS

Basic Science

L

Lecture

ES

```

Engineering Science

T

Tutorial

CBCS

Choice Based Credit System

P

Practical

DC

Departmental core

CCA

Continuous Class Assessment

DE

Departmental electives

MSE

Mid
Semester
Evaluation

ESE

End Semester Evaluation

B. TECH. ELECTRICAL ENGINEERING
(
II YEAR

Third Semester

S.
No

Course
No.

Course Name

Type

Credit

Periods Per
week

Examination Scheme

(Distribution of Marks)

L

T

P

CCA

MSE

ESE

Total

1
.

EE
-
301

Transformer and Induction Machine

DC

3

137
138 2
139
140 1
141
142 -
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144 8
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146 22
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148 45
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150 75
151
152 2
153 .
154
155 EE
156 -
157 302
158
159 Network Analysis
160
161 DC
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163 3
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165 2
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167 1
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171 8
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173 22
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175 45
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177 75
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179 3
180 .
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182 EE

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183 -
184 303
185
186 Analog Electronics
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188 ES
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190 3
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192 2
193
194 1
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198 8
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200 22
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202 45
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204 75
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206 4
207 .
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209 EE
210 -
211 304
212
213 Signals and System
214
215 ES
216
217 3
218
219 2
220
221 1
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223 -
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225 8
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227 22
228
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229 45
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231 75
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233 5
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236 EE
237 -
238 305
239
240 Electromagnetic Field Theory
241
242 CBCS
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244 4
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246 3
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248 1
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250 -
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252 10
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254 30
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256 60
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258 100
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260 6
261 .
262
263 BS
264 -
265 301
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267 Engineering Mathematics
268 -
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270 III
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272 BS
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274 3

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288 75
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290 PRACTICAL (LAB.)
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292 7
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295 EE
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299 Transformer and Induction Machine Lab.
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301 DC
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311 15
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313 -
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315 10
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317 25
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319 8
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322 EE
323 -
324 332
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326 Network Analysis Lab.
327
328 DC
329
330 1
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332 -
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334 -
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336 2
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338 15
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340 -
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342 10
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344 25
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346 9.
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348 EE
349 -
350 333
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352 Analog Electronics Lab.
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354 ES
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356 1
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358 -
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360 -
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364 15
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366 -

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25

Total

2

2

1

3

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6

Total

550

Fourth
Semester

1
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EE
-
401

DC and Synchronous Machine

DC

3

2

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8

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421 EE
422 -
423 402
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425 Digital Electronics
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427 ES
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439 22
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441 45
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443 75
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445 3
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448 EE
449 -
450 403
451
452 Fundamentals of Power Systems
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454 DC
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456 3
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458 2

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466 22
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475 EE
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477 404
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479 Programming Languages
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481 ES
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483 3
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502 EE
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504 405
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506 Computer Architecture
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508 CBCS
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529 BS
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534 Engineering Mathematics
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556 PRACTICAL (LAB./SEMINAR)
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561 EE
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563 431
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565 DC and Synchronous Machine Lab.
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567 DC
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592 Digital Electronics Lab.
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618 Programming Languages Lab
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650 Total
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659 C (XV
660 -
661 C) clause
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664 2).
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667
668 The Mid Semester Evaluation shall have a weightage of 40% while the remaining 60% weightage will
669 be for End Semester Examination.
670
671 (i)
672
673 30% for two mid semester tests, both of equal weightage;
674
675 (ii)
676
677 10% for other modes of sessional evaluation (to be specified by the Faculty Committee and
678 notified before the commencement of teaching of each course).
679
680 There will be no Mid Semester practical tests.
681
682 In a practical course/ project/ seminar/ industrial training/ field
683 work, the End Semester Examination shall have a weightage of 40% while the performance of the studen

```
684 t as
685 evaluated by the teacher concerned during the semester (i.
    e. Mid Semester Evaluati
686 on) shall have a weightage of
687 60%.
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694 Process finished with exit code 0
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```