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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by JNTU Act No. 30 of 2008)

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**Professor of Computer Science and Engineering &
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Letter No.EB/321/2019,date 25-03-2019

To
The Principals
All the Constituent and Affiliated Colleges
JNTUH

Dear Sir/Madam

Sub:The equivalence subjects in which the supplementary students of R09 regulations need to study after six attempts– Reg.

Ref: 1) Letter No. EB/316/2019, date 24-01-2019

2) Lr.No.DE/JNTUH/B.Tech Examinations May-2019, Date25-02-2019.

3) Lr.No.DE/JNTUH/B.Pharm. Examinations May-2019, Date25-02-2019

In the communication to the Principals, vide ref-1 cited above, it has been informed that students who appeared for University exams in any subject for six attempts and failed, may have to appear for the University examination in the equivalent subjects of the subsequent regulations. After a thorough verification by the committees headed by the respective Boards of Studies, a few equivalent subjects have been identified, branch-wise, and the excel file of these equivalent subjects is enclosed herewith. The students of R09 regulations who are still having backlogs and if the backlog subject(s) is/are listed in the enclosed excel file, for all such subjects the students need to write the forthcoming May/June – 2019 University examinations in the equivalent subject of R13/R15 regulations only. If any of the backlog subject are not listed in the enclosed excel file, for such subjects the University shall conduct the exams in old (R09) syllabus only. The syllabus of new (R09) regulations is available at student service portal

<https://studentservices.jntuh.ac.in/oss/syllabus.html>

The Principals are requested to share this information with the students of R09 regulations who are still having the backlog subjects.

The cooperation of the Principals is highly solicited.

Thanking you

Yours Sincerely
Sd/-

Director of Evaluation

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30/3/19

(Handwritten signature)
30/3/19

Subject Studied						Subject for which has to appear for University Exam					
S.NO	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME	Observations
1	R09	2	2	CE	BUILDING MATERIALS, CONSTRUCTION & PLANNING	R16	2	2	CEE	BUILDING MATERIALS, CONSTRUCTION & PLANNING	Equivalent
2	R09	4	1	CE	ADVANCED STRUCTURAL DESIGN	R15	4	1	CE	ADVANCED STRUCTURAL DESIGN	Equivalent. However unit-VII,VIII of R09 was deleted in R15 Reg and unit-III topics are additional in R15 Reg
3	R09	4	1	CE	ESTIMATING AND COSTING	R15	4	1	CE	ESTIMATING AND COSTING	Equivalent
4	R09	4	1	CE	FINITE ELEMENT METHODS	R15	4	1	CE	FINITE ELEMENT METHODS	Equivalent
5	R09	4	1	CE	WATERSHED MANAGEMENT	R15	4	1	CE	WATERSHED MANAGEMENT	Equivalent
6	R09	4	2	CE	DESIGN AND DRAWING OF IRRIGATION STRUCTURES	R13	4	2	CE	DESIGN AND DRAWING OF IRRIGATION STRUCTURES	Equivalent
7	R09	4	2	CE	REHABILITATION AND RETROFITTING OF STRUCTURES	R13	4	2	CE	REHABILITATION AND RETROFITTING OF STRUCTURES	Equivalent
8	R09	3	1	CSE	SOFTWARE ENGINEERING	R16	3	1	CSE	SOFTWARE ENGINEERING	Equivalent
9	R09	3	2	CSE	OBJECT ORIENTED ANALYSIS AND DESIGN	R16	3	2	IT	OBJECT ORIENTED ANALYSIS AND DESIGN	Equivalent
10	R09	4	1	CSE	LINUX PROGRAMMING	R15	4	1	CSE	LINUX PROGRAMMING	Equivalent. However unit-VII of R09 was deleted in R15 Reg
11	R09	4	1	CSE	MACHINE LEARNING	R15	4	1	CSE	MACHINE LEARNING	Equivalent
12	R09	4	1	CSE	SOFT COMPUTING	R15	4	1	CSE	SOFT COMPUTING	Equivalent
13	R09	4	2	CSE	ADHOC & SENSORS NETWORKS	R13	4	2	CSE	ADHOC & SENSORS NETWORKS	Equivalent
14	R09	4	2	CSE	DATABASE SECURITY	R13	4	2	CSE	DATABASE SECURITY	Equivalent

Subject Studied						Subject for which has to appear for University Exam					
S.NO	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME	Observations
15	R09	4	2	CSE	EMBEDDED SYSTEMS	R13	4	2	CSE	EMBEDDED SYSTEMS	Equivalent
16	R09	4	2	CSE	MULTIMEDIA & RICH INTERNET APPLICATION	R13	4	2	CSE	MULTIMEDIA & RICH INTERNET APPLICATION	Equivalent
17	R09	4	2	CSE	SCRIPTING LANGUAGES	R13	4	2	CSE	SCRIPTING LANGUAGES	Equivalent
18	R09	4	2	CSE	STORAGE AREA NETWORKS	R13	4	2	CSE	STORAGE AREA NETWORKS	Equivalent
19	R09	4	2	CSE	WEB SERVICES	R13	4	2	CSE	WEB SERVICES	Equivalent. However some topics added in unit-II R13 Reg.
20	R09	4	1	ECE	MICROWAVE ENGINEERING	R15	4	1	ECE	MICROWAVE ENGINEERING	Equivalent. However Unit-V topics additional in R15 Reg
21	R09	4	1	ECE	MULTIMEDIA AND SIGNAL CODING	R15	4	1	ECE	MULTIMEDIA AND SIGNAL CODING	Equivalent. However Unit-VII,VIII of R09 was deleted in R15 Reg
22	R09	2	1	EEE	ELECTRO MAGNETIC FIELDS	R16	2	1	EEE	ELECTRO MAGNETIC FIELDS	Equivalent. Some additional topics are added in R16 Reg- Unit-II
23	R09	4	1	EEE	DIGITAL CONTROL SYSTEMS	R15	4	1	EEE	DIGITAL CONTROL SYSTEMS	Equivalent
24	R09	4	1	EEE	ELECTRICAL DISTRIBUTION SYSTEMS	R15	4	1	EEE	ELECTRICAL DISTRIBUTION SYSTEMS	Equivalent
25	R09	4	1	EEE	HIGH VOLTAGE ENGINEERING	R15	4	1	EEE	HIGH VOLTAGE ENGINEERING	Equivalent
26	R09	4	1	EEE	OPTIMIZATION TECHNIQUES	R15	4	1	EEE	OPTIMIZATION TECHNIQUES	Equivalent
27	R09	4	1	EEE	POWER SYSTEM OPERATION AND CONTROL	R15	4	1	EEE	POWER SYSTEM OPERATION AND CONTROL	Equivalent
28	R09	4	1	EEE	SWITCHGEAR AND PROTECTION	R15	4	1	EEE	SWITCHGEAR AND PROTECTION	Equivalent
29	R09	4	1	EEE	UTILIZATION OF ELECTRICAL ENERGY	R15	4	1	EEE	UTILIZATION OF ELECTRICAL ENERGY	Equivalent

Subject Studied						Subject for which has to appear for University Exam					
S.NO	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME	Observations
30	R09	4	1	EEE	VLSI DESIGN	R15	4	1	EEE	VLSI DESIGN	Equivalent
31	R09	4	2	EEE	EHV AC TRANSMISSION	R13	4	2	EEE	EHV AC TRANSMISSION	Equivalent
32	R09	4	2	EEE	NEURAL NETWORKS AND FUZZY LOGIC	R13	4	2	EEE	NEURAL NETWORKS AND FUZZY LOGIC	Equivalent
33	R09	3	2	IT	COMPUTER FORENSICS	R16	3	2	IT	COMPUTER FORENSICS	Equivalent
34	R09	4	1	IT	HUMAN COMPUTER INTERACTION	R15	4	1	IT	HUMAN COMPUTER INTERACTION	Equivalent
35	R09	4	1	IT	IMAGE PROCESSING AND PATTERN RECOGNITION	R15	4	1	IT	IMAGE PROCESSING AND PATTERN RECOGNITION	Equivalent
36	R09	4	1	IT	MOBILE APPLICATION DEVELOPMENT	R15	4	1	IT	MOBILE APPLICATION DEVELOPMENT	Equivalent
37	R09	4	1	IT	SCRIPTING LANGUAGES	R15	4	1	IT	SCRIPTING LANGUAGES	Equivalent
38	R09	4	1	IT	SEMANTIC WEB AND SOCIAL NETWORKS	R15	4	1	IT	SEMANTIC WEB AND SOCIAL NETWORKS	Equivalent
39	R09	4	1	IT	WIRELESS NETWORKS AND MOBILE COMPUTING	R15	4	1	IT	WIRELESS NETWORKS AND MOBILE COMPUTING	Equivalent
40	R09	4	2	IT	E-COMMERCE	R13	4	2	IT	E-COMMERCE	Equivalent
41	R09	4	2	IT	MIDDLEWARE TECHNOLOGIES	R13	4	2	IT	MIDDLEWARE TECHNOLOGIES	Equivalent
42	R09	2	1	MCT	THERMAL SCIENCE	R16	2	1	MCT	THERMAL SCIENCE	Equivalent. However unit-VII, VIII of R09 was deleted in R16 Reg
43	R09	2	2	MCT	MACHINE DRAWING	R16	2	2	ME	MACHINE DRAWING	Equivalent
44	R09	4	1	MCT	ADVANCED KINEMATICS AND DYNAMICS OF MACHINERY	R15	4	1	MCT	ADVANCED KINEMATICS AND DYNAMICS OF MACHINERY	Equivalent

Subject Studied						Subject for which has to appear for University Exam					
S.NO	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME	Observations
45	R09	4	1	MCT	FLEXIBLE MANUFACTURING SYSTEM	R15	4	1	MCT	FLEXIBLE MANUFACTURING SYSTEM	Equivalent
46	R09	4	1	MCT	MOTION CONTROL DESIGN	R15	4	1	MCT	MOTION CONTROL DESIGN	Equivalent
47	R09	4	1	MCT	RENEWABLE ENERGY SOURCES	R15	4	1	MCT	RENEWABLE ENERGY SOURCES	Equivalent
48	R09	4	2	MCT	MEMS DESIGN	R13	4	2	MCT	MEMS DESIGN	Equivalent
49	R09	4	2	MCT	AUTOMATION IN MANUFACTURING	R13	4	2	MCT	AUTOMATION IN MANUFACTURING	80% Equivalent
50	R09	4	2	MCT	CONCURRENT ENGINEERING	R13	4	2	MCT	CONCURRENT ENGINEERING	Equivalent
51	R09	4	2	MCT	MATHEMATICAL MODELING AND SIMULATION	R13	4	2	MCT	MATHEMATICAL MODELING AND SIMULATION	Equivalent
52	R09	4	2	MCT	PLANT ENGINEERING & MAINTENANCE	R13	4	2	MCT	PLANT ENGINEERING & MAINTENANCE	Equivalent
53	R09	4	2	MCT	PRODUCTION PLANNING AND CONTROL	R13	4	2	MCT	PRODUCTION PLANNING AND CONTROL	Equivalent
54	R09	4	1	ME	AUTOMATION IN MANUFACTURING	R15	4	1	ME	AUTOMATION IN MANUFACTURING	Equivalent
55	R09	4	1	ME	DESIGN FOR MANUFACTURING	R15	4	1	ME	DESIGN FOR MANUFACTURING	Equivalent
56	R09	4	1	ME	INSTRUMENTATION AND CONTROL SYSTEMS	R15	4	1	ME	INSTRUMENTATION AND CONTROL SYSTEMS	Equivalent
57	R09	4	1	ME	MECHANICAL VIBRATIONS	R15	4	1	ME	MECHANICAL VIBRATIONS	Equivalent
58	R09	4	1	ME	OPERATIONS RESEARCH	R15	4	1	ME	OPERATIONS RESEARCH	Equivalent
59	R09	4	1	ME	POWER PLANT ENGINEERING	R15	4	1	ME	POWER PLANT ENGINEERING	Equivalent

Subject Studied						Subject for which has to appear for University Exam					
S.NO	REGULATION_NAME	YEAR	SEMESTER	BRANCH	SUBJECT_NAME	Regulation	YEAR	SEMESTER	Branch Name	SUBJECT_NAME	Observations
60	R09	4	1	ME	ROBOTICS	R15	4	1	ME	ROBOTICS	Equivalent
61	R09	4	1	ME	UNCONVENTIONAL MACHINING PROCESSES	R15	4	1	ME	UNCONVENTIONAL MACHINING PROCESSES	Equivalent
62	R09	4	2	ME	COMPUTATIONAL FLUID DYNAMICS	R13	4	2	ME	COMPUTATIONAL FLUID DYNAMICS	Equivalent. However unit VII of R09 was deleted In R13 Reg.
63	R09	4	2	ME	GAS DYNAMICS	R13	4	2	ME	GAS DYNAMICS	Equivalent
64	R09	4	2	ME	JET PROPULSION & ROCKET ENGINEERING	R13	4	2	ME	JET PROPULSION & ROCKET ENGINEERING	80% Equivalent. However unit VIII of R09 was deleted in R13 Reg.
65	R09	4	2	ME	RENEWABLE ENERGY SOURCES	R13	4	2	ME	RENEWABLE ENERGY SOURCES	Equivalent
66	R09	3	2	MMT	INTELLECTUAL PROPERTY RIGHTS	R16	3	2	CE	INTELLECTUAL PROPERTY RIGHTS	Equivalent
67	R09	4	1	MMT	METALLURGICAL PROBLEMS	R15	4	1	MMT	METALLURGICAL PROBLEMS	Equivalent
68	R09	4	1	MMT	NON DESTRUCTIVE TESTING	R15	4	1	MMT	NON DESTRUCTIVE TESTING	Equivalent
69	R09	4	1	MMT	POLYMERIC MATERIALS	R15	4	1	MMT	POLYMERIC MATERIALS	Equivalent
70	R09	4	1	MMT	SEMI CONDUCTORS AND MAGNETIC MATERIALS	R15	4	1	MMT	SEMI CONDUCTORS AND MAGNETIC MATERIALS	Equivalent
71	R09	4	2	MMT	COMPOSITE MATERIALS	R13	4	2	MMT	COMPOSITE MATERIALS	Equivalent. However unit VIII of R09 was deleted in R13 Reg.
72	R09	4	2	MMT	FERRO ALLOY TECHNOLOGY	R13	4	2	MMT	FERRO ALLOY TECHNOLOGY	90% Equivalent. However Unit VII is deleted in R09 Reg & Additional topics in V unit of R13 Reg are added
73	R09	4	2	MMT	NUCLEAR METALLURGY	R13	4	2	MMT	NUCLEAR METALLURGY	Equivalent. However unit VII of R09 was deleted in R13 Reg.