



**Directorate of Academic & Planning**  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA**  
**KAKINADA-533003, Andhra Pradesh, INDIA**

Lr. No. JNTUK/DAP/SS/B.Tech/B.Pharm- (IV-I)/2019-20

Date: 29-08-2019

**Dr. G. Yesuratnam,**  
**M.S, Ph.D.,**  
**Director, Academic Planning.**

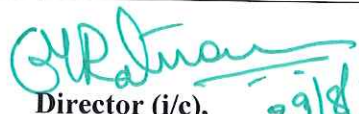
To  
The Principals of Affiliated colleges,  
JNTUK, Kakinada.

Sub: JNTUK – DAP – Substitute Subjects for Readmitted Students - B. Tech –  
2019-20 - Reg.

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All the Principals are hereby informed that the following substitute subjects were allotted for B. Tech in IV Year 1<sup>st</sup> Semester (Readmitted From R13 to R16) and B.Pharmacy III year I Semster (Readmitted From R13 to PCI)

Name of the Branch	Studied Subjects as per R13 Regulations	Recommended Substitute Subject as per R16 Regulations	Additional to be studied
Civil	Geotechnical Engineering-II (In III year II Sem R13 regulations)	Waste Water Management	
	IPR & Patents (In III Year I Sem R13 Regulations)	Management Science	
ECE	Digital signal Processing Lab	VLSI Lab	1) VLSI Design 2) Computer Architecture & Organization
CSE	Web Technologies	Python Programming	
	Web Technologies Lab	Python Prog. lab	
IT	Managerial Economics and financial Analysis	Computer Graphics	
	Managerial Economics and financial Analysis	Statistics with R Programming	
B. Pharmacy	Pharmacognosy-I Theory Pharmacognosy-I Practical	Biochemistry Theory Biochemistry Practical	Pharmacology – I Theory Pharmacology – I Practical

  
Director (i/c),  
Academic Planning  
Director  
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JNTUK Kakinada