Dr. B.N. BHANDARI  
Professor of ECE, &  
DIRECTOR, ACADEMIC & PLANNING  

Lr. No. A1/3/Substitute Subjects/2/2019  
Date: 14.09.2019  

To,  
The Principals of Constituent & Affiliated Colleges of JNTUH.  

Sir/Madam,  


2 Lrs. received from the Principals of Affiliated Colleges.  

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With reference to the letters (2) cited, I am herewith furnishing the following Substitute Subjects for odd Semesters of B.Tech. IV/I Sem. for re-admitted students for the academic year 2019-20:  

**Substitute Subjects for IV Year I-Sem R13/R15 to R16 Regulations for the academic year 2019-20**  

<table>
<thead>
<tr>
<th>Branch</th>
<th>Subject studied in R13/R15 and repeated subjects in R16</th>
<th>Substitute Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.Tech CSE</td>
<td>Principles of Programming Languages</td>
<td>Any other Elective in PE-I (B.Tech. CSE R16 III/I Sem.) For the students who studied already “Design Patterns” subject.</td>
</tr>
<tr>
<td></td>
<td>Heat Transfer Lab</td>
<td>Automobile Engineering Lab (B.Tech. AU R16 III/I Sem.)</td>
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<td></td>
<td>Design of Machine Members-II</td>
<td>CAD/CAM (PE-I B.Tech. AU R16 III/I Sem.)</td>
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<tr>
<td></td>
<td>Petroleum Production Engineering and Design</td>
<td>Petroleum Refinery Engineering (B.Tech. PE R16 II/I Sem.)</td>
</tr>
</tbody>
</table>

The Principals are requested to take necessary action for registration of the substitute subjects by the re-admitted candidates. They are also requested to ensure that the subjects already studied are not repeated.
Further, the Principals are informed that the students who have completed 8 years of Regular B.Tech./ B.Pharm. and those who have completed 6 years of Lateral Entry B.Tech./ B.Pharm. are not eligible for readmission. The substitute subjects are not applicable to the students who have been transferred from other Institutions / Universities and JNTUH Affiliated Autonomous Colleges to JNTUH affiliated colleges.

This is for your reference and necessary action.

Yours Sincerely,

DIRECTOR

Copy to the Director of Evaluation and Controller of Examinations, JNTUH, Hyderabad.