

# **GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**

AFFILIATED TO JNTU-KAKINADA  
MADHURAWADA, VISAKHAPATNAM-530048



**COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

## **REGULATIONS, COURSE STRUCTURE AND SYLLABI FOR B.TECH. (VII & VIII SEMESTERS) UNDER AUTONOMOUS STATUS 2014 -2015 (for 2011-12 Admitted Batch)**

ALL PROGRAMMES ARE ACCREDITED BY NBA OF AICTE  
ACCREDITED BY NAAC WITH A GRADE WITH A CGPA OF 3.47/4.00



## *Vision*

*To evolve into and sustain as a Centre of  
Excellence in Technological Education  
and Research with a holistic approach.*

## *Mission*

*To produce high quality engineering graduates with the requisite theoretical and practical knowledge and social awareness to be able to contribute effectively to the progress of the society through their chosen field of endeavour.*

*To undertake Research & Development, and extension activities in the fields of Science and Engineering in areas of relevance for immediate application as well as for strengthening or establishing fundamental knowledge.*

F O R E W O R D

*This academic year 2012-13 is starting on a happy  
Principal*



## AMENDMENTS TO EXISTING REGULATIONS OF B.TECH.

### **i. R.6.0.v (for regular students): Promotion into VII semester of B.Tech. programme**

#### **EXISTING:**

A student shall be promoted from VI to VII semester, only if he/ she fulfills the academic requirements of total 100 credits out of which all 52 from first year shall be completed, from the examinations held up to IV semester including supplementary examinations.

#### **MODIFICATION:**

A student shall be promoted from VI to VII semester, if he acquires 116 out of 164 credits up to the end of VI Semester (from I, II,III, IV, V semesters regular and supplementary examinations & VI semester regular examinations) before he/she enters VII Semester.

### **ii. RL 4.0**

#### **i) Minimum Academic Requirements(for lateral entry students):**

#### **EXISTING:**

A student shall be promoted to the VII Semester only after securing 56 credits in III and IV semester courses from the examinations including supplementary examinations in these subjects held till the end of VI semester of study.

#### **MODIFICATION:**

A student shall be promoted to the VII Semester only after securing 80 credits out of 112 credits up to the end of VI Semester (from III,IV,V semesters regular and supplementary examinations & VI semester regular examinations) before he/she enters VII Semester.

### **iii. Transitory regulations for re-admitted into III,IV semesters “Promotion to VII semester” from JNTU stream into Autonomous stream.**

#### **EXISTING:**

For a re-admitted student to get promoted to VII semester (IV year) the following criteria must be satisfied

- I. He shall acquire all the 56 credits of the I year courses.
- II. He shall acquire at least 104 credits from the courses up to the end of II year excluding prerequisites (Including the supplementary examinations) and secure a pass in prerequisite courses offered during the transition from previous regulations to autonomous regulations.

#### **MODIFICATION:**

For a re-admitted student to get promoted to VII semester (IV year) the following criteria must be satisfied: A student shall be promoted from VI to VII semester, if he acquires 116 up to the end of VI Semester (from I, II, III, IV, V semesters regular and supplementary examinations, including pre-requisite/mandatory courses & VI semester regular examinations) before he/she enters VII Semester.

### **Transitory regulations for students re-admitted into VII or VIII semesters of B.Tech. programme of autonomous stream from JNTU stream.**

1. A student readmitted into VII or VIII semesters has to study the courses prescribed in the corresponding semesters of course structure of the autonomous system and shall earn the credits from the end semester examinations.
2. Shall earn the credits of the previous semesters from the supplementary examinations conducted by JNTU-K from time to time.
3. The student seeking readmission into VII or VIII semesters shall abide by all other relevant regulations in force under the autonomous stream.