GEETHANJALI COLLEGE OF ENGINEERING AND TECHNOLOGY
Cheeryal (V), Keesara (M), Medchal Dist. -501301

COLLEGE ACADEMIC COUNCIL MEETING -08

Date   :   **13/07/2018**   Time   :   **4.00 pm**

Venue   :   **Conference Hall**   Agenda   :   **Enclosed**

The following members have attended the College Academic Council meeting to discuss on the enclosed agenda.

Sl. No	Name	Designation	Status	Remarks	Signature
1	Dr. S. Udaya Kumar	Principal	Chairman		
2	Prof. B. Hari Kumar	HOD – ECE	Member		
3	Dr. S. Nagender Kumar	HOD – CSE	"		
4	Dr. D Radhika	HOD – EEE	"		
5	Dr. T. Siva Prasad	HOD – ME	"		
6	Dr. K. Rama Chandra Reddy	HOD – CE	"		
7	Dr. G. Neeraja Rani	HOD – S &H	"		
8	Dr. A. Sita Madhavi	HOD – MBA	"		
9	Dr. S. T. Raj Mohan	Registrar, GCET & Prof. MBA	"		
10	Dr. D. S. R. Murthy	Controller of Exams (JNTUH) & Prof. CSE	"		
11	Dr. N. Ravi Shankar	Controller of Exams (Autonomous) & Prof. CSE	"		
12	Dr. P. Rama Mohan Rao	Dean-Industry Institute Interaction & Prof. CE	"		
13	Dr. R. Suryanarayana Raju	Dean R & D & Professor, ECE	"		
14	Prof. K. Somasekhara Rao	Dean -- Student Affairs & Professor - ECE	"		
15	Dr. M. Devaiah	Professor – ME	"		
16	Mr. S. Hari Kiran	Assoc. Prof. - CE	"	Special Invitee	
17	Mr. G. R. Ravinder Reddy	Expert – Engineering (Invited Member)	"	Experts nominated by Governing Body	
18	Mr. Pratap Reddy	Expert - Legal	"		
19	Dr. G. Sridevi	Expert – Medicine	"		
20	Mr. Y. Srinivas	Expert - Industry	"		
21	Dr. P. G. Sastry	Expert – Education & Industry	"		
22	Dr. N. Yadaiah	Registrar, JNTUH	"	Nominees of JNTUH	
23	Dr. K. Rama Mohan Rao	Professor of Civil Engg., College of Engg.- JNTUH	"		
24	Dr. M. Manzoor Hussain	Professor of Mech. Engg. & Director, Directorate of Admissions -JNTUH	"		
25	Dr. P. Vijai Bhaskar	Dean -- I/C Academics & Professor, ECE	Member – Secretary	Nominated by Principal	

Academic Council Meeting Scheduled on July 13, 2018 at 5 pm

Agenda

1. Academic Regulations of AR 18 (Except for the credits, and detention based on the credits, remaining regulations shall be the same as AR 16).
2. Approval of Program Structure of CE, CSE, EEE, ECE and ME based on AICTE model curriculum
3. Approval of First year syllabus based on AICTE model curriculum of CE, CSE, EEE, ECE and ME
4. Approval of syllabus of Final year under AR 16 regulations
5. Any other item with the permission of the Chair
6. Dinner follows

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Minutes of the Academic Council Meeting held on July 13, 2018 at 5 pm

Agenda Item no.1 :

Approval of Academic Regulations AR18 for B.Tech programmes.

The Principal, presenting the proposed Academic Regulations (AR18) for B.Tech Programmes, stated that they are essentially the same as the AR16 regulations. The only difference is that where there are references to credits under "Course Registration" and "Promotion Rules" the number of credits required have been changed in accordance with the change in the number of credits for the programme as per the revised structure, based on AICTE model curriculum (discussed under Agenda item 2). This has not resulted in any change in policies governing course registration and promotion rules. He further mentioned that the total number of credits allotted for the programmes is 160 over 4 years, the allocation per each year being 40 credits (21/I sem & 19/II sem or 19/II sem and 21/I sem, or 20/20 in each semester). The Principal also mentioned that the distribution of marks for SEE and CIE has been retained as 70 and 30 respectively.

The Academic Council approved the AR18 Regulations subject to the following condition:

The College shall obtain specific approval from DAP, JNTUH in regard to distribution of marks for SEE & CIE, in the light of DAP JNTUH asking its affiliated autonomous and non-autonomous college to follow 75 - 25 pattern for SEE & CIE vide its circular no. DAPO/Autonomous colleges/Submission of Syllabus/2018 dated 05-07-2018.

Agenda Item no.2 & 3

A) Approval of Program Structure of CE, CSE, EEE, ECE and ME based on AICTE model curriculum.

The Principal asked the heads of the departments of Engineering to present their respective (BoS proposed) programme structures for review by the Academic Council. The presentations were initiated by HoD of Civil Engineering department. In the course of this presentation, several suggestions were made for changes, which are depicted in the following Table 1.

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Table 1

S. No	Suggestions made by	Suggestions	Remarks
.	Dr.N.Yadaiah, Registrar JNTUH Dr, K. Rama Mohan Rao, Professor of Civil engineering college of Eng JNTUH	To change the title of the course "Programming for Problems Solving using C-1 as Programming for Problem Solving	
.	Dr. Manzoor Hussain Professor of ME, Director, Directorate of Admissions JNTUH	To rename "Engineering Graphics" course as Engineering Graphics and Modeling".	After a discussion of this suggestion by the members it was agreed to retain the original name "Engineering Graphics".
.	Dr, K. Rama Mohan Rao, Professor of Civil Engineering, College of Engg, JNTUH	"Data Structure "course may be excluded as it may not be of use to Civil Engineering students	Sri.G.R.Ravinder Reddy, Secretary GCET responded to this suggestion stating that this course increases the chances of recruitment of Civil Engineering students for Software jobs in IT Industry. In view of this benefit to the students and also the fact that AICTE, and JNTUH (in its R18 Regulations for its affiliated colleges) have included this course and earmarked 5 credits for it, as against GCET proposal for 6 credits, it was decided to retain this course as proposed.
.	Dr.N.Yadaiah, Registrar JNTUH	Additional courses in programming can be introduced as Value added Courses.	

		Value added Courses/programs such as sports and games, and certain extracurricular activities may be listed as non credit courses in the Programme structure and students' evaluation may be represented as "Satisfactory" or "Non-satisfactory"	
.	Dr.N.Yadaiah, Registrar JNTUH	"Mathematics-III" course may be renamed as "Computational Mathematics". Noting that no member of BoS (Mathematics) was present in the meeting, he suggested that, in the future, at least one member of BoS relating to any course being discussed in the Academic Council meeting should be present as its member or as an invited member to participate in the discussions.	Upon the members being briefed about the recommendations of BoS for Mathematics to name the course as "Computational Mathematics", it was decided to accept this recommendation.
.	Dr. Manzoor Hussain, Professor of ME, Director, Directorate of Admissions JNTUH Dr, K. Rama Mohan Rao, Professor of Civil engineering college of Eng JNTUH	1. To rename the courses as follows: a. "Solid Mechanics" as "Strength of Materials" b. "Advanced Solid Mechanics" as "Advanced Strength of Materials". c. "Hydraulics Engineering" as "Hydraulics and Hydraulic Machinery" 2. To introduce a Surveying course before conducting Advanced surveying laboratory course.	

		However, considering the practical difficulty in the implementation of this suggestion, as explained by a few other members, it was agreed to have "Advanced Survey Laboratory" as per the proposal.	
.	Dr.N.Yadaiah, Registrar JNTUH	i) As Mini Project will not have class contact hours in terms of L/T/P, only credits have to be shown against this course in the programme structure ii) Reduce the credits of Major Project from 11 to 10 iii) Increase the credits for Technical Seminar from 1 to 2	

Observing that many suggestions were being made under this agenda item, Dr.N. Yadaiah, Registrar proposed that the Academic Council restrict itself, in this meeting, to consider programme structure proposals for B.Tech I year classes only and defer the consideration of II, III & IV year programmes to the next meeting. The members agreed to this suggestion and accordingly, first year programme structures of all departments were taken up. These proposals were presented by the respective department heads.

Some members pointed out that as per the normal practice, non circuit branches (ME & Civil) should have a common programme structure and circuit branches (ECE, EEE, CSE) should also have a common programme structure in the first year. After a brief discussion, considering the fact that "Basic Electrical Engineering" prescribed for ECE and CSE would be redundant for EEE, it was decided to limit the common programme structure to CSE & ECE only. The Academic Council also noted that ME and CE departments have proposed a common programme structure.

Upon examining the proposals of various departments, the Academic Council approved the programme structure and syllabus for first year of all branches with the following conditions.

I.a. Computer Science Engineering:

- Reduce the credits for Applied Physics from 4 to 3.
- Removal of pre-requisite "Applied Physics" for Basic Electrical Engineering

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I.b. Electronics and Communication Engineering

- Reduce the number of credits for Applied Physics from 4 to 3.
- Offer Basic Electrical Engineering and its associated Laboratory course in I year instead of II year, by swapping with the course "Circuit Theory"

I. c. Electrical and Electronics Engineering

- Change title of the course Program for Problem Solving I using C as Program for Problem Solving and the same is the case with its Laboratory.
- Reduce credits for the course "Applied Physics" from 4 to 3
- Change the title of the course "**Programming for problem solving II using C"** as "**Data Structures".**

II. All mandatory courses proposed to be offered are to be identified and shown in the programme structure instead of providing a general list of Mandatory courses as has been done now.

B) Approval of Academic Regulations, programme structure and syllabus of MBA programme. Head of department of Management studies, presented the proposed programme structure of MBA based on AICTE Model curriculum. She informed the members that the BoS which included a JNTUH nominee, recommended the proposed structure taking into account the present AR16 structure of GCET, R17 Regulations and the structure of JNTUH for Affiliated colleges, and AICTE Model curriculum.

She also mentioned that the regulations were the same as the present AR16 regulations of GCET except for the change in credits necessitated by the change in the number of credits allocated for the programme in the revised programme structure. This has not resulted in any change of policies governing the regulations. She further informed the Council that as against AICTE's recommendations to have a minimum of 102 credits the proposed structure has 104 credits

The Academic Council examined the proposal and suggested changing "Business Communication – Seminar Course" to "Business Communication Lab Course"

The Academic Council later approved the proposed AR18 Regulations and programme structure for MBA Programme, subject to the following conditions:

1)   Changing "Business Communication – Seminar Course" to "Business Communication Lab Course"
2)   College should obtain the approval of DAP, JNTUH in regard to distribution of marks for SEE and CIE in 70-30 pattern in the light of DAP, JNTUH asking its affiliated autonomous and non

autonomous colleges, to follow 75 - 25 pattern for SEE and CIE, vide its circular no. DAPO/Autonomous colleges /Submission of Syllabus/2018 dated 05-07-2018.

Agenda Item no. 4:

Approval of Syllabus of B.Tech final year under AR16 regulations:

The Academic Council deferred the consideration of proposals under this item to the next meeting due to paucity of time.

Agenda Item No. 5: (Any other item with the permission of the chair)

a) **Approval for implementation of pre-revised promotion rule of AR 16 Regulations for students admitted to B.Tech I year in the Academic Year 2016-17.**
   - The students admitted to B.Tech I year in the 2016-17 were handed a copy of AR16 Regulations, at the time of admissions, wherein, for promotion of students from II year to III year and III year to IV year, the credits earned by the student up to II-I semester and III-I semester only were considered and the minimum required credits specified.
   - Subsequently, on receiving instructions from JNTUH to Autonomous Affiliated colleges to implement a uniform grading system on the lines of JNTUH R16 Regulations, the college (GCET) adopted JNTUH grading system and also the promotion rule as per the R16 Regulations which considered credits earned up to II-II and III-II semesters for promotion to III year and IV year respectively. These revisions were approved by Academic Council of the college.
   - Considering the fact that the prerevised promotion rule should be applied in the case of students who were admitted in 2016-17, the Principal proposed that students satisfying either the prerevised rule or the revised rule should be promoted. Thus, there would be two rules viz Rule-1 and Rule-2 which are furnished in the following table (Table-2) stipulating the criteria for promotions.

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Table 2

Promotion Rules for Students Admitted to B.Tech I year in 2016-17 under AR16 Regulations

S. No.	Rule	Promotion from	Eligibility for Promotion
1.	Rule 1	• From II year to III year	The student should secure a minimum of 43 credits out of 72 credits up to II year I semester, from all the relevant regular and supplementary exams whether the student takes those examinations or not.
		• From III year to IV year	The student should secure a minimum of 72 credits out of 120 credits up to III year I semester, from all the relevant regular and supplementary examinations whether the student takes those examinations or not.
2.	Rule 2	• From II year to III year	The student should secure a minimum of 58 credits out of 96 credits or more the student has registered up to and including II year II semester, from all the relevant regular and supplementary examinations whether student takes those examinations or not.
		• From III year to IV year	The student should secure a minimum of 86 credits out of 144 credits or more the student has registered up to and including III year II semester

Note: A student who fulfills the requirements under either of the rules, Rule 1 or Rule 2, shall be considered eligible for promotion.

The promotion rules listed in table 2 shall be applicable only for the students admitted in GCET's AR 16 regulations in the academic year 2016-17 only.

The Academic Council considered the proposal and approved the same as they were in line with the JNTUH Policy for affiliated colleges.

b. **Approval of promotion rules for students initially admitted into R09/R13/R15 Regulations of JNTUH and re-admitted into AR16 Regulations**

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In respect of the students who were initially admitted into R09/R13/R15 regulations of JNTUH and were detained due to either lack of attendance or lack of credits and subsequently re-admitted into AR16 regulations of GCET, the credit based promotion rules shall be follows:

- To be eligible for promotion for II Year to III year and III year to IV year, a student should secure a minimum of 60% of the credits he had studied, from all the examinations conducted, whether the student takes those examinations or not.

(For this purpose, if the number of credits arrived at is not an integer, the fractional component shall be ignored if the fractional component is less than 0.5 else it is rounded to the next higher integer).

The Academic Council approved the proposal.