

# GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

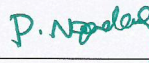
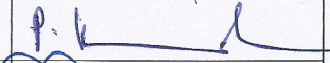
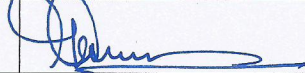

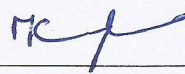
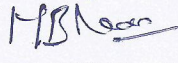


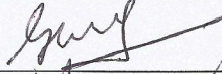
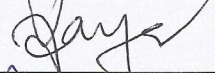

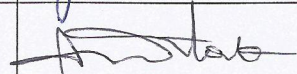
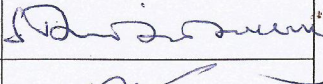
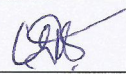

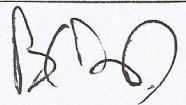
Seshadri Rao Knowledge Village

Gudlavalleru – 521 356, Krishna District, Andhra Pradesh

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The **Third Meeting of Academic Council** of Gudlavalleru Engineering College (Autonomous), Seshadri Rao Knowledge Village, Gudlavalleru is held today i.e. 17-04-2015 (Friday) at 10-30 AM in the Management's Conference Hall of the college under the Chairmanship of Dr. P. Nageswara Reddy, Principal of the College.

## MEMBERS PRESENT:

Sl. No.	Name of the Member	Designation	Signature
1	Dr. P. Nageswara Reddy Principal	Chairman	
2	Dr. P. Kodanda Rama Rao Professor & HoD of CE	Member	
3	Dr. M. Siva Kumar Professor & HoD of EEE	Member	
4	Dr. A. Jawahar Babu Professor & HoD of ME	Member	
5	Dr. M. Kama Raju Professor & HoD of ECE	Member	
6	Dr. M. Babu Rao Professor & HoD of CSE	Member	
7	Dr. M. V. L. N. Raja Rao Professor & HoD of IT	Member	
8	Dr. Ch. Nirmal Chand Professor & HoD of MBA	Member	
9	Dr. G. S. Bhaskara Rao Professor of Mathematics & HoD of BS&H	Member	
10	Dr. M. Vijaya Lakshmi Associate Professor & HoD of English	Member	
11	Dr. P. Ravindra Babu Professor of ME and Vice-Principal	Member	
12	Dr. A. V. N. Tilak Professor of ECE and Dean PG Studies, R&D and Consultancy	Member	
13	Dr. S. R. K. Reddy Professor of CE	Member	
14	Dr.(Mrs.) Ch. Kavitha Professor of CSE	Member	
15	Dr. D.V.L.N. Somayajulu Professor of CSE and Dean Academic Affairs, NIT, Warrangal	Member	
16	Dr. B. G. Barki Professor of Education & Former Director of NITTTR, Chennai	Member	
17	Dr. Parimi S.R. Professor of Civil Engineering and Structural Engg. Consultant, Vijayawada	Member	could not attend

(Contd.....2)

18	Er. D. Rama Krishna Managing Director, Efftronics Systems Pvt. Ltd. Vijayawada	Member	could not attend
19	Dr. N. S. Murthy, Professor of Electronics & Communication Engg., National Institute of Technology, Warangal	Member	N.S. Murthy 17/1/18
20	Mr. Jaya Rama Krishna Nutulapati, Client Partner & Principal Consultant, Tata Consultancy Services, Hyderabad	Member	could not attend
21	Dr. P. Udaya Bhaskar, Professor of Civil Engineering, Director, Academics & Planning, JNTUK, Kakinada	Member	P. Udaya Bhaskar
22	Dr. Ch. Sai Babu, Professor of Electrical & Electronics Engg., Director of Evaluation, JNTUK, Kakinada	Member	could not attend
23	Dr. M. Ramalinga Raju, Professor of Electrical & Electronics Engg., Director, Foreign Universities Relations, JNTUK, Kakinada	Member	M. Ramalinga Raju
24	Dr. G. V. S. N. R. V. Prasad Professor of CSE & Dean Academic Affairs	Member Secretary	

# **GUDLAVALLERU ENGINEERING COLLEGE**

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU – 521 356

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## **Minutes of the Third Meeting of the Academic Council held on 17-04-2015, Friday in the Management Conference Hall.**

### **Agenda:**

- 1) To discuss and evolve common guidelines for designing an effective curriculum at UG & PG level, introducing Choice Based Credit System (CBCS) as suggested by UGC.
- 2) To discuss on types of courses and composition of i) Core courses, ii) Elective courses and iii) Foundation courses in 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year B.Tech.
- 3) To discuss open electives, Projects, Seminars, Industrial Training, Self-Study Courses, offering more number of electives to satisfy CBCS (Foreign Languages, Telugu Culture, Social Sciences, Humanities, etc.,) and OBE
- 4) To discuss on Grade Points and Letter Grade to be awarded in Theory and Laboratory subjects and computation of SGPA & CGPA as suggested by UGC.
- 5) Any other matter with the permission of the chair.

### **Minutes:**

#### **1. To discuss and evolve common guidelines for designing an effective curriculum at UG & PG level, introducing Choice Based Credit System (CBCS) as suggested by UGC.**

- It is resolved to offer more number of open electives and one or two self study courses in UG curriculum to satisfy the requirements of CBCS and also to increase the scope for better employment through multi-disciplinary approach.
- Under each open elective / self study course, there shall be a minimum of 10 courses giving wider choice to the students to choose inter disciplinary courses depending on their future plans.
- Boards of Studies of all the departments are advised to design the curriculum to meet the programs specific criteria and also make it more industry relevant with grater focus on latest technologies.
- To make the graduates wholesome engineers, it is advised to give equal importance to English Language Communication, Professional Ethics and Extra Curricular Activities while designing the curriculum. The Non Credit courses like NSS, Games and Sports. Literary and cultural, etc., and one or two mandatory courses like Indian Culture, Professional Ethics, Patents & Intellectual Property Rights, Energy Ecology, Environment & Society, etc., must be the part of Course Structure at 2<sup>nd</sup> year level.
- Industrial / Practical training must be made part the curriculum, preferably at 4<sup>th</sup> year level for 6 to 8 weeks.

*P. N. Suresh Babu*

- Priority must be given to send all the students to industries to gain hands-on-experience in two different spells. In the circumstances where it is not possible to accommodate all the students in the industry, equivalent in-house training may be arranged at least on two courses which are more industry specific and career oriented.

**2. To discuss on types of courses and composition of i) Core courses, ii) Elective courses and iii) Foundation courses in 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year B.Tech.**

The following composition of Core, Elective and Foundation courses is recommended for UG B.Tech programs.

Sl. No.	Group	Range
1	Humanities and Social Sciences (HSS)	10 – 15
2	Basic Sciences (BS)	15 – 20
3	Engineering Sciences (ES)	10 – 20
4	Professional Subjects Core (PSC)	30 – 40
5	Professional Subjects Electives (PSE)	8 – 12
6	Open Subjects Electives (OSE)	5 – 10
7	Project / Seminar / Industry	8 – 10
8	Non Credit Courses	2 – 6

**3. To discuss open electives, Projects, Seminars, Industrial Training, Self-Study Courses, offering more number of electives to satisfy CBCS (Foreign Languages, Telugu Culture, Social Sciences, Humanities, etc.,) and OBE.**

1. It is resolved to introduce three Open Electives and one Self Study Course in the course structure of UG Programs at III and IV Year level to meet partially the CBCS.
2. The internal and semester end evaluation in respect of Open Electives will be similar to that of other courses.
3. At least there must be a minimum of 45 enrollments to offer a particular open elective course and limited to a maximum of 300 enrollments.
4. Foreign Languages, Telugu Culture, Social Sciences, Humanities, etc., shall be offered under self study courses.
5. On-line courses can also be offered as self study course.
6. The list of Open Elective and Self Study Courses shall be prepared based on the recommendations of various Boards of Studies.
7. In the case of self study course, there shall be 25 marks for internal and 50 marks for semester end examination.
8. Industrial training with 4 credits may be offered in the 4<sup>th</sup> year first or second semester combining intra semester breaks.

*P. Nagesh Babu*

**4. To discuss on Grade Points and Letter Grade to be awarded in Theory and Laboratory subjects and computation of SGPA & CGPA as suggested by UGC.**

It is resolved to apply the following Grade Points and Letter Grade to compute SGPA & CGPA for UG B.Tech and MBA Programs retrospective from the first semester of academic year 2014-15.

Theory/Drawing / Mandatory / Self Study Course (%)	Laboratory/ Industrial Training / Advanced Employability Course / Project (%)	Grade Points	Letter Grade
≥ 90	≥ 90	10	O (Outstanding)
≥ 80 & < 90	≥ 80 & < 90	9	A+ (Excellent)
≥ 70 & < 80	≥ 70 & < 80	8	A (Very Good)
≥ 60 & < 70	≥ 60 & < 70	7	B+ (Good)
≥ 50 & < 60	≥ 50 & < 60	6	B (Above Average)
≥ 45 & < 50	-	5	C (Average)
≥ 40 & < 45	-	4	P (Pass)
< 40	< 50	0	F (Fail)

In the case of PG M.Tech programs, the minimum grade point is 6 with letter grade B(Above Average) since the pass mark is 50 minimum out of 100.

**5. Any other matter with the permission of the chair.**

1. It is suggested by one of the University nominees to consider 6 months (full semester) internship during IV B.Tech 2<sup>nd</sup> semester with equivalent credits in place of 3 elective subjects of IV(ii) B.Tech to provide an opportunity to few of the students who really secures internship in reputed industries.
2. It is resolved to award the degrees for both UG and PG programs in first class with distinction with CGPA 7.5 and above, first class with CGPA 6.5 and above but below 7.5, second class with CGPA 5.5 and above but below 6.5 and pass class with CGPA below 5.5.
3. It is also resolved to mention in the grade card the conversion factor for calculating the equivalent percentage of marks.
4. Members reviewed the results of first B.Tech first semester and award of marks. It is suggested to identify the subjects in which the difference between internals and externals are more than 20% and counsel the teachers concerned to see that there will be reasonable correlation between internal and external marks in forthcoming semesters in all the subjects. It is also suggested to identify the reasons for poor pass percentage in some of the theory subjects and take required remedial measures.
5. The distribution of marks between the internals and externals in respect of UG project work is modified as 80 and 120 instead of 50 and 150.

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*P. N. Ganesan*