



GUDLAVALLERU ENGINEERING COLLEGE

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

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC with 'A' Grade

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Dr. G. V. S. N. R. V. PRASAD

M.S., M.Tech., Ph.D.,

MISTE, MIETE, MIE, MCSI, MISRS, MIAPR, MCRSI

Principal

REF: GEC/IQAC/2020-21/

26th April 2021

To

The Coordinator,

Internal Quality Assurance Cell (IQAC),

Gudlavalleru Engineering College (Autonomous),

Seshadri Rao Knowledge Village,

GUDLAVALLERU - 521 356.

Dear Sir,

You are requested to arrange the 21st meeting of Internal Quality Assurance Cell (IQAC) of the college on **03-05-2021 (Monday) at 02-00 PM** through online (Microsoft Teams).

AGENDA

1. To review various academic activities of the departments and institute since last meeting.
2. To review the Semester End Examination results for the academic year 2020-21.
3. To plan for conduction of Faculty Development Programs (FDPs) and Student Development Programs (SDPs), during the first semester of the A.Y. 2021-22.
4. To present the amendments in R20 academic regulations (as per the common academic regulations for all autonomous colleges of JNTUK).
5. To plan for conduct Skill enhancement programs for Students.
6. Any other matter with the permission of the chair.

(G V S N R V PRASAD)
Principal & Chairman of IQAC

Tables of Chairman, Sec. & Corrs., Co-Sec. & Corrs., Advisor to the Management, Principal
Copy : IQAC file

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Minutes of the 21st Meeting of the Internal Quality Assurance Cell held on 03-05-2021, Monday at 02-00 PM through online.

Members Joined:

Sl. No.	Name of the Person and Details	IQAC Committee	User Action	Time Stamp
1	Dr. G V S N R V Prasad Principal	Chairman	Joined	03-05-2021, 1:52:03 PM
2	Dr. P. Kodanda Rama Rao Vice Principal – Administration	Member	Joined	03-05-2021, 1:55:30 PM
3	Dr. M. R. Ch. Sastry Vice Principal - Academics	Member	Joined	03-05-2021, 1:53:31 PM
4	Dr. P. Ravindra Babu Professor of ME & Advisor to the Management	Member	Joined	03-05-2021, 1:57:25 PM
5	Dr. B. Karuna Kumar Professor of ME & Director (AS&A)	Member	Joined	03-05-2021, 1:56:31 PM
6	Sri G. Somaraju, Office Superintendent (i/c)	Member	Joined	03-05-2021, 1:57:57 PM
7	Dr. A. Sreenivasulu, Professor & Head (i/c), Department of CE	Member	Joined	03-05-2021, 1:57:31 PM
8	Dr. B. Dasu, Assoc.Prof. & Head (i/c), Department of EEE	Member	Joined	03-05-2021, 1:56:45 PM
9	Dr. Y. Rama Krishna, Professor & Head, Department of ECE	Member	Joined	03-05-2021, 1:55:34 PM
10	Dr. M. Babu Rao, Professor & Head, Department of CSE	Member	Joined	03-05-2021, 1:57:31 PM
11	Dr. Ch. Kavitha, Professor & Head, Department of IT	Member	Joined	03-05-2021, 1:56:29 PM
12	Dr. Ch. Nirmal Chand, Professor & Head, Department of MBA	Member	Joined	03-05-2021, 1:55:57 PM
13	Dr. S. Suresh, Sr.Gr.Asst.Prof. & Head (i/c), Department of BS&H	Member	Joined	03-05-2021, 1:58:19 PM
14	Dr. B. Karuna Kumar, Professor of ME & Director (AS&A), HoD, English (I/c)	Member	Joined	03-05-2021, 1:56:39 PM
15	Dr. K. SyamSundar, Professor of ME and CoE	Member	Joined	03-05-2021, 1:55:34 PM
16	Dr. V. V. K. D.V. Prasad, Professor of ECE & Addl. CoE	Member	Joined	03-05-2021, 1:56:38 PM
17	Mr. Phani Kumar V., Sr.Gr.Assistant Professor, Department of CE	Member	Joined	03-05-2021, 1:57:21 PM
18	Mr. P. Tejomurthi, Assistant Professor, Department of ME	Member	Joined	03-05-2021, 1:56:41 PM
19	Dr. Y. Adilakshmi, Associate Professor, Department of CSE	Member	Joined	03-05-2021, 1:57:35 PM
20	Mr. N. Rama Rao, Librarian	Member	Joined	03-05-2021, 1:56:47 PM

21	Dr. Bandaru Syam Kumar, Chandrala Post, Singaluru Village, Gudlavalleru Mandal (Member from Local Society)	Member	Joined	03-05-2021, 1:57:20 PM
22	Ms. Sirazunnisa, III Year B.Tech - CSE (18481A05K2), (Student Representative)	Member	Joined	03-05-2021, 1:57:39 PM
23	Dr. I. Satish Kumar, Assistant Professor, Department of EEE, NITW, Warangal, (Alumni Representative)	Member	Joined	03-05-2021, 1:55:31 PM
24	Sri D. Anvesh, Executive Manager, Efftronics Systems Pvt.Ltd. 40- 15-9,Brundavan Colony, Vijayawada – 520 010. (Member from Industry)	Member	Joined	03-05-2021, 1:56:19 PM
25	Mr. Vinay Ramesh, Campus Lead – Talent, Acquisition Group, MINDTREE, Bengaluru, #150, Shivaji Nagar, KIADB, EPIA, White Field, Bengaluru – 560066. (Member from Industry)	Member	Could not Join	---
26	Prof. Y. K. Sundara Krishna, Principal, University College of Engineering & Technology, Krishna University, Machilipatnam (Member from Stakeholders)	Member	Joined	03-05-2021, 1:56:51 PM
27	Dr. A. Jawahar Babu, Professor & Head Department of ME	Coordinator	Joined	03-05-2021, 1:52:00 PM

21.01 To review the various academic activities of the departments and institute since last meeting.

The Coordinator has presented a report on various academic activities taken up during the current academic year from 01-02-2021 to 30-04-2021. The committee reviewed the achievement of students in co-curricular & extra-curricular activities, placements provided, industrial visits arranged, faculty development programs conducted, faculty publications, etc.

21.02 To review the Semester End Examination results for the academic year 2020-21.

The Coordinator presented the semester end examination results for the academic year 2020-21. The members have expressed satisfaction about the overall results and advised the Principal to assess the abilities of the students during the semester course work and conduct extra classes for poor performers so as to improve the overall pass percentage further.

21.03 To plan for conduction of Faculty Development Programs (FDPs) and Student Development Programs (SDPs), during the first semester of the A.Y. 2021-22.

It is recommended to be conduct the Faculty Development Programs (FDPs) and Student Development Programs (SDPs) proposed by various departments during the academic year 2021-22.

21.04 To present the amendments in R20 academic regulations (as per the common academic regulations for all autonomous colleges of JNTUK).

The presented the amendments of R20 Regulations received from JNTUK, Kakinada. The following are amendments in R20 regulations;



Criterion	Previous Approved Regulations	Amendments in Approved Regulations	Remarks
Award of B.Tech	The candidate shall register for 160 credits and secure all the 160 credits	The candidate shall register for 160 credits and secure all the 160 credits	----No change----
Award of B.Tech Honor Degree / B.Tech Minor Degree	-----	B. Tech. with Honors or a B. Tech. with a Minor will be awarded if the student earns 20 additional credits as per the regulations /guidelines. The regulations / guidelines will be separately provided. Registering for an Honors / Minor degree is optional.	
Attendance Regulations	A student shall be eligible to appear for the Semester End Examinations if he acquires the attendance with a minimum aggregate of 75% in all the subjects. Condonation of shortage of attendance in aggregate up to 10% (65% and above, and below 75%) may be granted by the College Academic Committee. A student shall be eligible to claim for condonation of attendance shortage for a maximum of two times during the four year (eight semesters) course work of B.Tech / three year (six semesters) course work of B.Tech, Lateral Entry. However, an additional, one time condonation exclusively during the IV Year shall be considered on genuine reasons.	A student is eligible to write the University examinations if he acquires a minimum of 40% in each subject and 75% of attendance in aggregate of all the subjects. Condonation of shortage of attendance in aggregate up to 10% (65% and above, and below 75%) may be granted by the College Academic Committee However, this condonation concession is applicable only to any two semesters during the entire programme. Shortage of Attendance below 65% in aggregate shall not be condoned.	<ul style="list-style-type: none"> ➤ Minimum attendance of 40% in each subject is included. ➤ Condonation of shortage of attendance is allowed for two times instead of three times during the four year (eight semesters) course work of B.Tech /three year (six semesters) course work of B.Tech, Lateral Entry
Division of marks(for theory /integrated/project based courses)	<ul style="list-style-type: none"> ➤ Continuous Internal Examination-30 Marks ➤ Semester End Examination - 70 Marks 	<ul style="list-style-type: none"> ➤ Continuous Internal Examination-30 Marks ➤ Semester End Examination - 70 Marks 	----No change----
Division of marks(for practical courses)	<ul style="list-style-type: none"> ➤ Continuous Internal Examination - 30 Marks ➤ Semester End Examination - 70 Marks 	<ul style="list-style-type: none"> ➤ Continuous Internal Examination - 15 Marks ➤ Semester End Examination - 35 Marks 	



Division of marks(for summer internships/job oriented skill courses)	<ul style="list-style-type: none"> ➤ Continuous Internal Examination - 30 Marks ➤ Semester End Examination - 70 Marks 	<ul style="list-style-type: none"> ➤ Semester End Examination - 50 Marks (no internal examination) 	
Division of marks(for project work)	<ul style="list-style-type: none"> ➤ Continuous Internal Examination - 30 Marks ➤ Semester End Examination - 70 Marks 	<ul style="list-style-type: none"> ➤ Continuous Internal Examination - 60 Marks ➤ Semester End Examination - 140 Marks 	
Division of Internal Marks(for theory courses)	<p>Online Quiz - 10 Marks(two online quizzes - average marks of the two quizzes)</p> <p>Mid Examination - 20 Marks(two mid examinations - sum of the 75% marks of better scored mid exam and 25% marks of less scored mid exam)</p>	<p>Two mid-term examinations. Each mid-term examination consists of (i) one online objective examination (20 multiple choice questions) for 10 marks for a duration of 20 minutes (ii) one descriptive examination (3 full questions for 5 marks each) for 15 marks for a duration of 90 minutes and (iii) one assignment for 5 marks.</p> <p>I mid exam shall be conducted from first 50% of the syllabi and II mid exam shall be conducted from the remaining 50% of syllabi. Internal marks can be calculated with 80% weightage for better of the two mid exams and 20% Weightage for other mid exam.</p> <p>For the subject having <i>design and / or drawing, (such as Engineering Graphics, Engineering Drawing, Machine Drawing) and estimation</i>, the distribution shall be 15 marks for continuous assessment (day-to-day work) and 15 marks for mid exam.</p> <p>For <i>integrated courses</i>, 15 marks for lab component and 15 marks for mid exams.</p> <p>For <i>project based courses</i>, 15 marks for project and 15 marks for mid exam.</p>	<ul style="list-style-type: none"> ➤ Online quiz shall be conducted along with the mid exam ➤ Assignment component is included ➤ 80% and 20% weightage is given for best scored and least scored respectively.
Division of Internal Marks(for practical courses)	Day to day work - 15 marks, Record-5 marks and the remaining 10 marks to be awarded by conducting an internal laboratory test.	Day to day work - 5 marks, Record-5 marks and the remaining 5 marks to be awarded by conducting an internal laboratory test.	
Division of Internal Marks(for project work)	Two seminars each carries 15 marks and shall be evaluated by a committee consisting of a supervisor and a senior faculty of the department	The supervisor assesses the student for 30 marks (Report: 15 marks, Seminar: 15 marks). Project Review Committee consisting of supervisor, a senior faculty and HoD shall assess for the remaining 30 marks.	



Semester End Examination(for theory /integrated/project based courses)	Semester End Examination will be conducted for 70 marks consisting of five internal choice questions (i.e “either” “or” choice), carrying 14 marks each. There will be two questions from each unit and the student should answer either of the two questions. There will be no external assessment for lab/project component.	Semester End Examination will be conducted for 70 marks consisting of five internal choice questions (i.e “either” “or” choice), carrying 14 marks each. There will be two questions from each unit and the student should answer either of the two questions. There will be no external assessment for lab/project component.	----No change----
Semester End Examination(for lab /summer internship/job oriented skill courses)	Semester end examination for <i>lab courses / skill courses</i> shall be conducted by the teacher concerned and an external examiner. In case of <i>summer internship</i> , the final Viva–Voce examination shall be conducted by the committee consisting of an External Examiner and the Head of the Department / Senior faculty in the department.	Semester end examination for lab courses shall be conducted for 35 marks by the teacher concerned and an external examiner. Student shall appear for an oral presentation before the departmental committee consists of an external examiner; Head of the Department; supervisor of the internship and a senior faculty member of the department. In case of job oriented skill course, the course will be evaluated at the end of the semester for 50 marks (record: 15 marks and viva-voce: 35 marks) along with laboratory end examinations in the presence of external and internal examiner (course instructor or mentor).	
Semester End Examination(for project work)	Semester end Viva–Voce shall be conducted by the committee consisting of an External Examiner, Head of the Department and the supervisor of the project.	The external evaluation of Project Work is a Viva-Voce Examination conducted in the presence of internal examiner and external examiner and is evaluated for 140 marks.	
Mandatory Non-Credit Courses	A student is required to score 40 marks out of 100 marks despite putting up a minimum of 75% attendance to be declared satisfactory in each mandatory non-credit course.	A minimum of 75% attendance is mandatory in these subjects. There shall be an external examination for 70 marks and it shall be conducted by the college internally. Two internal examinations shall be conducted for 30 marks and a student has to secure at least 40% of the marks for passing the course. There is no online internal exam for mandatory courses. No marks or letter grade shall be printed in the transcripts for all mandatory non-credit courses, but only Completed (Y)/Not-completed (N) will be specified.	



MOOCs	<p>A Student shall register for MOOCs offered by NPTEL, CISCO, MICROSOFT and SAYLOR or any other agency with a prior approval from the departmental committee.</p> <p>The courses should be other than those offered under regular curriculum and are to be approved by the Departmental Committee consisting of the Head of the department, mentor and one/two senior faculty members before the commencement of each semester.</p> <p>The duration of the course shall be 8 - 12 weeks/50-70 hrs (maximum).</p> <p>The schedule of the course must be in line with the academic schedule of that semester.</p> <p>The required credits shall be awarded on submission of certificate from the approved agency.</p>	<p>There shall be a Discipline Centric Elective Course through Massive Open Online Course (MOOC) as Program Elective course.</p> <p>The student shall register for the course (Minimum of 12 weeks) offered by SWAYAM/NPTEL through online with the approval of Head of the Department.</p> <p>The Head of the Department shall appoint one mentor for each of the MOOC subjects offered.</p> <p>The student needs to register the course in the SWAYAM/NPTEL portal. During the course, the mentor monitors the student's assignment submissions given by SWAYAM/NPTEL.</p> <p>The student needs to submit all the assignments given and needs to take final exam at the proctor center.</p> <p>The student needs to earn a certificate by passing the exam.</p> <p>The student will be awarded the credits given in curriculum only by submission of the certificate.</p> <p>In case if student does not pass subjects registered through SWAYAM/NPTEL, the same or alternative equivalent subject may be registered again through SWAYAM/NPTEL in the next semester with the recommendation of HOD and shall be pass.</p>	
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Earning of Credit:

A student shall be considered to have completed a course successfully and earned the credits if he/she secures an acceptable letter grade in the range A+ to E as given below. Letter grade 'F' in any course implies failure of the student in that course and no credits earned. Absent is also treated as no credits earned. For project same % percentages will be followed for grading.

Marks Range Theory (Max – 100)	Marks Range Lab (Max – 50)	Level	Letter Grade	Grade Points
≥ 90	≥ 45	Outstanding	A+	10
≥ 80 & ≤ 89	≥ 40 & ≤ 44	Excellent	A	9
≥ 70 & ≤ 79	≥ 35 & ≤ 39	Very Good	B	8
≥ 60 & ≤ 69	≥ 30 & ≤ 34	Good	C	7
≥ 50 & ≤ 59	≥ 25 & ≤ 29	Fair	D	6
≥ 40 & ≤ 49	≥ 20 & ≤ 24	Satisfactory	E	5
< 40	< 20	Fail	F	0
		Absent	AB	



Award of Class:

After a student has satisfied the requirements prescribed for the completion of the program and is eligible for the award of B. Tech. Degree, he shall be placed in one of the following four classes:

Class Awarded	CGPA to be Secured	Remarks
First Class With Distinction	≥ 7.75 (Without any supplementary appearance)	From the CGPA secured from 160 Credits
First Class	≥ 6.75	
Second Class	≥ 5.75 & < 6.75	
Pass Class	≥ 5.00 & < 5.75	

Promotion Rules:

The following academic requirements have to be satisfied in addition to the attendance requirements for promotion to higher classes

- A student shall be promoted from first year to second year if he fulfills the minimum attendance requirement as per college norms.
- A student will be promoted from II year to III year if he fulfills the academic requirement of 40% of credits up to either II year I-Semester or II year II-Semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in II year II semester.
- A student shall be promoted from III year to IV year if he fulfills the academic requirements of 40% of the credits up to either III year I semester or III year II semester from all the examinations, whether or not the candidate takes the examinations and secures prescribed minimum attendance in III year II semester.

21.05 To plan for conduct Skill enhancement programs for Students.

IQAC recommended conducting more skill development programmes in association with APSSDC, ICT Academy, CISCO, SkillEdge, etc. for students to enhance their skills by hands-on-experience.

21.06 Any other matter with the permission of the Chair.

--- NIL ---

