


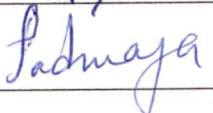


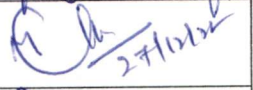


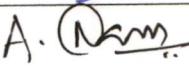
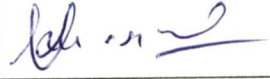


**Teegala Krishna Reddy Engineering College (UGC Autonomous)**  
**Supplementary Copy of the Third Academic Council Meeting Minutes**

27.12.2022

The third meeting of the Academic Council of Teegala Krishna Reddy Engineering College (UGC Autonomous) was held on 29th October 2022 at 2:00 pm in virtual mode and approved the R22 regulations of the institute.

**Members present**

SNo	Name of The Expert	Designation	Position	Signature
01	Dr. K V Murali Mohan	Principal, TKREC, Hyderabad	Chairman	
02	Dr. M Manzoor Hussain	Prof. of ME, Registrar, JNTUH.	Expert nominated by JNTUH	
03	Dr. D Srinivasa Rao	Prof. of ECE & Director, AAC, JNTUH	Expert nominated by JNTUH	
04	Dr. B. Padmaja Rani	Prof. of CSE , JNTUH	Expert nominated by JNTUH	
04	Dr. D V L N Somayajulu	Prof. of CSE & Director of IIIT DM, Kurnool	Academic Expert	ABSENT
05	Dr. A D Sharma	Prof. Of ECE & Director R&D, CBIT, Hyderabad	Academic Expert	Approved through Email.
06	Mr. K V Chandra Sekhar	Vice President, ICS, Broad Ridge Financial Services, Hyderabad	Industry Expert	
07	Mr. A Appa Rao	Advocate, High Court of Telangana, Hyderabad	Legal Expert	
08	Dr. K M V Madan Kumar	Dean Academics, TKREC, Hyderabad	Member Secretary	
09	Dr. Umer Farooq	HOD- ECE	Member	
10	Dr. Ch V Phani Krishna	HOD-CSE	Member	
11	Dr A Nagarjuna	HOD- S&H	Member	
12	Dr V Surayanrayana	HOD- MBA	Member	

I. In view of the modified B.Tech R22 regulations of JNTUH the council amending certain rules in the R22 regulation of TKREC with respect to 8.2, 8.3 and 8.10.

8.2 In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of one part for 30 marks with a total duration of 2 hours as follows:

1. Midterm Examination in descriptive mode for 30 marks:

The remaining 10 marks of Continuous Internal Assessment (out of 40) are distributed as:

2. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
3. Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks.

The descriptive paper shall contain 5 full questions out of which, the student has to answer all the questions, each carrying 6 marks and internal choice may be given. Average of two mid-term examinations (I Mid-Term & II Mid-Term) will be taken as final marks for mid-term examinations (For 30 marks).

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the subject concerned for 5 marks before II Mid-Term Examination.

- The student, in each subject, shall have to earn 35% of marks (i.e. 14 marks out of 40 marks) in CIE, 35% of marks (i.e. 21 marks out of 60) in SEE and overall 40% of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together to get pass grade (i.e. C) or above.
- The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 35\%$  (14 marks) of 40 continuous Internal Examination (CIE) marks.

A. Nam  
(Dr. A. Nagaraj)

(Dr. K. M. V. Madankumar)  
(Dr. V. Murali Reddy)  
(Dr. V. Sridhar Reddy)  
(Dr. V. Phani Kumar)

(Dr. M. Manjoo Hrudhara)  
(Dr. Padma Raju)

(Dr. D. Srinivasa Rao)  
(K. V. Chandrasekhar)  
(Ch. V. Phani Kumar)

- *In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 35% of CIE marks ( 14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.*

*There is NO Computer Based Test (CBT) for R22 regulations.*

8.3 For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:

1. A write-up on day-to-day experiment in the laboratory (in-terms of a I m ,components /procedure, expected outcome) which shall beevaluatedfor10marks
2. **10 marks for viva-voce** (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluatedfor10marks.
4. The remaining 10 marks are for Laboratory Project, which consists of the Design (or) Software /Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and thelaboratory teacher. The external examiner shall be appointed from the cluster / othercollegeswhichwillbe decidedbythe examinationbranchofthe college.

In the Semester End Examination held for 3 hours, total 60 marks are divided andallocatedas shownbelow:

1. 10marksfor write-up
  2. 15forexperiment/program
  3. 15 forevaluationofresults
  4. 10marks for presentation on another experiment / program in the same laboratory course and
  5. 10marksfor viva-voceonconcernedlaboratorycourse
- *The student, in each subject, shall have to earn 35% of marks(i.e.14 marks out of 40 marks) in CIE, 35% of marks (i.e.21 marks out of 60) in SEE and overall 40% of marks (i.e. 40 marks out of 100 marks) both CIE and SEE marks put together to secure Pass grade (i.e. "C") or above.*
  - *The student is eligible to write Semester End Examination of the*

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concerned subject, if the student scores  $\geq 35\%$  (14 marks) of 40 continuous Internal Examination (CIE) marks.

- In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 35% of CIE marks (14 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.
- 8.4 The evaluation of courses having ONLY internal marks in I-Year I Semester and II-Year II Semester is as follows:
1. I Year I Semester course (ex., Elements of CE/ME/EEE/ECE/CSE): The internalevaluation is for 50 marks and it shall take place during I Mid-Term examination and II Mid-Term examination. The average marks of two Mid-Term examinations are the final for 50 marks. Student shall have to earn 40%, i.e 20 marks out of 50 marks from average of the two examinations. There shall be NO external evaluation. The student is deemed to have failed, if he (i) is absent as per schedule, or(ii)secures less than 40% marks in this course.

*For CSE/IT and allied branches the Continuous Internal Evaluation (CIE) will be for 50 marks. Each Mid-Term examination consists of two parts i) Part – A for 20 marks, ii) Part – B for 20 marks with a total duration of 2 hours.*

*Part A: Objective/quiz paper is set with multiple choice, fill-in the blanks and match the following type of questions for a total of 20 marks.*

*Part B: Descriptive paper shall contain 6 full questions out of which, the student has to answer 4 questions, each carrying 5 marks.*

*The remaining 10 marks of Continuous Internal Evaluation are for Assignment (5 marks) and Subject Viva-Voce/PPT/Poster Presentation/ Case Study (5 marks) and the evaluation pattern will remain same as for other theory subjects.*

**For all other branches, the Continuous Internal Evaluation (CIE) will be for 50 marks. Out of the 50 marks for internal evaluation:**

- a) A write-up on day-to-day experiment in the laboratory (in terms of aim, components/procedure, expected outcome) which shall be evaluated for 10 marks
- b) 10 marks for viva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
- c) Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 15 marks.

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d) *The remaining 15 marks are for Laboratory Report/Project and Presentation, which consists of the Design (or) Software / Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.*

8.10. A student shall be given one time chance to re-register for a maximum of two subjects in a semester

- *If the internal marks secured by a candidate in the continuous Internal Evaluation marks for 40 (sum of average of two mid-term exams and two assignments & subject Viva-voce/PPT/Poster presentation /Case Study on the topic in concerned subject) are less than 35% and failed in those subjects.*

A student must re-register for the failed subject(s) for 40 marks within four weeks of commencement of the class work in next academic year.

In the event of the student taking this chance, his Continuous Internal Evaluation marks for 40 and Semester End Examination marks for 60 obtained in the previous attempt stand cancelled.

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II. In view of the modified M.Tech R22 regulations of JNTUH the council amending certain rules in the M.Tech R22 regulation of TKREC with respect to 6.1, 7.1 and 7.3.

6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject / course, if he secures not less than:

1. 40% of Marks (24 out of 60 marks) in the Semester End Examination;
2. 40% of Marks in the internal examinations (16 out of 40 marks allotted for CIE);
3. A minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades this implies securing 'B' Grade or above in a subject.

7.1 The performance of a student in every subject/course (including practical and Project) will be evaluated for 100 marks each, with 40 marks allotted for CIE (Continuous Internal Evaluation) and 60 marks for SEE (Semester End-Examination). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two

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Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction.

In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Mid-Term examination consists of one part for 30 marks with a total duration of 2 hours as follows:

1. Mid-term Examination in the descriptive mode for 30 marks:

The descriptive paper shall contain 5 full questions out of which, the student has to answer all the questions, each carrying 6 marks and internal choice may be given. Average of two mid-term examinations (I Mid-Term & II Mid-Term) will be taken as final marks for mid-term examinations (For 30 marks).

The remaining 10 marks of Continuous Internal Assessment (out of 40) are distributed as:

1. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)
2. Subject Viva-Voce/PPT/Poster Presentation/Case Study on a topic in the concerned subject for 5 marks.

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

Subject Viva-Voce/PPT/Poster Presentation/Case Study on a topic in the concerned subject for 5 marks before II Mid-Term Examination.

- *The student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks put together to secure Pass grade (i.e. "B") or above.*
- *The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 continuous Internal Examination (CIE) marks.*
- *In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.*

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7.3. For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:

1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/ procedure, expected outcome) which shall be evaluated for 10 marks
2. 10marksforviva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.
4. The remaining 10 marks are for Laboratory Project, which consists of the Design (or) Software /Hardware Model Presentation (or) App Development (or) Prototype Presentation submission whichshall be evaluated after completion of laboratory course and before semester end practicalexamination.

The Semester End Examination shall be conducted with an external examiner and the laboratoryteacher. The external examiner shall be appointed from the cluster / other colleges which will be decided by the examination branch of the **College**.

In the Semester End Examination, held for 3 hours, total 60 marks are divided and allocated as shown below:

1. 10 marks for write-up
  2. 15 for experiment / program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment/ program in the same laboratory course and
  5. 10 marks for viva-voce on concerned laboratory course
- *The student, in each subject, shall have to earn 40% of marks(i.e.16 marks out of 40 marks) in CIE, 40% of marks (i.e.24 marks out of 60) in SEE and overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks put together to secure Pass grade (i.e. "B") or above..*
  - *The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 continuous Internal Examination (CIE) marks.*
  - *In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.*

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III. In view of the modified MBA R22 regulations of JNTUH the council amending certain rules in the MBA R22 regulation of TKREC with respect to 6.1, 7.1 and 7.3.

6.1. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than 40% of marks (16 out of 40 marks) in the Continuous Internal Evaluation (CIE), not less than 40% of marks (24 out of 60 marks) in the Semester End Examination (SEE), and a minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades and this implies securing 'B' Grade or above in a subject.

7.1 For the theory subjects 60 marks shall be awarded for the performance in the Semester End Examination and 40 marks shall be awarded for Continuous Internal Evaluation (CIE). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction.

In CIE, for theory subjects, during a semester, there shall be two mid-term examinations. Each Mid-Term examination consists of one part for 30 marks with a total duration of 2 hours as follows:

1. Mid-term Examination in the descriptive mode for 30 marks

The descriptive paper shall contain 5 full questions out of which, the student has to answer all the questions, each carrying 6 marks and internal choice may be given. Average of two mid-term examinations (I Mid-Term & II Mid-Term) will be taken as final marks for mid-term examinations (For 30 marks).

The remaining 10 marks of Continuous Internal Assessment (out of 40) are distributed as:

1. Assignment for 5 marks. (Average of 2 Assignments each for 5 marks)

2. Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks.

While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus.

Five (5) marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the

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first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination. The average of the two assignments shall be taken as the final marks for assignment (for 5 marks).

Subject Viva-Voce/PPT/Poster Presentation/ Case Study on a topic in the concerned subject for 5 marks before II Mid-Term Examination.

- *The student, in each subject, shall have to earn 40% of marks (i.e. 16 marks out of 40 marks) in CIE, 40% of marks (i.e. 24 marks out of 60) in SEE and overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks put together to secure Pass grade (i.e. "B") or above.*
- *The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 continuous Internal Examination (CIE) marks.*
- *In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.*

7.3 For practical subjects there shall be a Continuous Internal Evaluation (CIE) during the semester for 40 marks and 60 marks for semester end examination. Out of the 40 marks for internal evaluation:

1. A write-up on day-to-day experiment in the laboratory (in terms of aim, components/ procedure, expected outcome) which shall be evaluated for 10 marks
2. 10 marks for viva-voce (or) tutorial (or) case study (or) application (or) poster presentation of the course concerned.
3. Internal practical examination conducted by the laboratory teacher concerned shall be evaluated for 10 marks.
4. The remaining 10 marks are for Laboratory Project, which consists of the Design (or) Software /Hardware Model Presentation (or) App Development (or) Prototype Presentation submission which shall be evaluated after completion of laboratory course and before semester end practical examination.

The Semester End Examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the cluster / other colleges which will be decided by the examination branch of the **College**.

In the Semester End Examination, held for 3 hours, total 60 marks are divided

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and allocated as shown below:

1. 10 marks for write-up
  2. 15 for experiment/program
  3. 15 for evaluation of results
  4. 10 marks for presentation on another experiment / program in the same laboratory course and
  5. 10marksforviva-voceonconcernedlaboratorycourse
- *The student, in each subject, shall have to earn 40% of marks(i.e.16 marks out of 40 marks) in CIE, 40% of marks (i.e.24 marks out of 60) in SEE and overall 50% of marks (i.e. 50 marks out of 100 marks) both CIE and SEE marks put together to secure Pass grade (i.e."B") or above.*
  - *The student is eligible to write Semester End Examination of the concerned subject, if the student scores  $\geq 40\%$  (16 marks) of 40 continuous Internal Examination (CIE) marks.*
  - *In case, the student appears for Semester End Examination of the concerned subject but not scored minimum 40% of CIE marks (16 marks out of 40 internal marks), his performance in that subject in SEE shall stand cancelled in spite of appearing the SEE.*

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### **Regulations for readmitted and Transfer Students**

It is resolved that:

- The student who is detained due to either lack of attendance or credits and seeks readmission in TKREC autonomous, then he/she will follow corresponding TKREC autonomous regulations only.
- The student seeks transfer from another college (Autonomous or Non-autonomous) and if falls into TKREC autonomous, then he/she will follow corresponding TKREC autonomous regulations only.
- For the above students, the substitute subjects will be issued by the corresponding BOS.

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## Ratification of the result Processing Committee Members

The following members are constituted as a result Processing Committee

S.No	Positions	Names
1	JNTUH University Nominee	Nominated By the DE, JNUH
2	Principal	Dr. K Venkata Murali Mohan
3	Controller of Examinations	Dr K M V Madan Kumar
4	Additional Controller of Examinations	Mr D Narasimaha Reddy
5	Dean Academics	Dr B Srinivasa Rao
6	HOD Civil	MrMuniruddin Khan
7	HOD EEE	MrMadhubabu
8	HOD ECE	Dr Sk Umar Faruq
9	HOD CSE	Dr CH V Phani Krishna
10	HOD IT	Dr V Siddha Reddy
11	HOD AIML	Dr N Vadivelan
12	HOD CSG	Dr J Praveen Kumar
13	HOD HS	Dr Nagarjuna
14	HOD MBA	Dr V Surinarayana

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*(Signature)*  
(Dr. K.V. Murali Mohan)

*(Signature)*  
(Dr. B. M. V. Madan Kumar)

*(Signature)*  
(Dr. A. Nagarjuna)

*(Signature)*  
(Dr. B. Srinivasa Rao)

*(Signature)*  
(Dr B. Padmaja Rani)

*(Signature)*  
(Dr. CH. V. Phani Krishna)

*(Signature)*  
(K. Chandralekha)

*(Signature)*  
(Dr. D. Sreenivasulu)

*(Signature)*  
(Dr. M. Manjoor Hussain)

*(Signature)*  
(V. Surya Narayana)



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## 11<sup>th</sup> Academic Council Supplementary Copy Minutes

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Dr. A.D. Sarma Professor (C) <adsarma\_ece@cbit.ac.in>

Tue, Dec 28, 2022 at 10:40 AM

To: TKREC PRINCIPAL <principal@tkrec.ac.in>

Dear Sir,

Thank you for the e-mail.

**The minutes are accepted.**

Regards

Sarma

Prof. A.D. Sarma Ph.D (Engg.) London (UK)

**Director, Research and Development**

Chaitanya Bharathi Institute of Technology

Kokapet, Gandipet, RR Dist. Hyderabad - 500 075 TS

Tel: 040-24193276/77

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**Former Director, Research & Training Unit for Navigational Electronics, Osmania University,  
Hyderabad-500 007.**

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