

# TEEGALA KRISHNA REDDY ENGINEERING COLLEGE

(UGC-Autonomous)

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTUH  
Accredited by NAAC with 'A' Grade. Accredited by NBA)

Medbowli, Meerpet, Balapur(M), Hyderabad, Telangana- 500097  
Mob: 8498085218. Email: [info@tkrec.ac.in](mailto:info@tkrec.ac.in), [www.tkrec.ac.in](http://www.tkrec.ac.in)

College Code: R9

## Department of Civil Engineering

### Stakeholder Curriculum Feedback

### Summary and Actions Taken on Regulation R20

Feedback on the curriculum is collected regularly from various stakeholders; employers, faculty, students, and alumnae. The collected feedback is then analysed by DAC committee of the CE Department and following actions are proposed to the concerned Board of Studies. It is proposed to have some computer programming/ simulation labs.

#### Stakeholder Suggestions:

- Enhance computer abilities and technical skills, including simulation software expertise.
- Incorporate trending industry-oriented subjects and emerging areas..
- Provide more software training related to civil engineering.
- Emphasize placement-oriented courses.

#### Actions Taken:

- Plan to add Civil Engineering simulation-oriented courses in the R22 curriculum.
- Include prevalent industry-related and skill-oriented courses.
- Integrate Industry 5.0 courses,
- Continue with existing practices..
- Strengthen industry connections for core placement skills.
- Ensure availability of reference books mentioned in the curriculum

  
HOD-CE

HEAD OF THE DEPARTMENT  
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PRINCIPAL

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College Code: R9

## Department of Electrical and Electronics Engineering

### Stakeholder Curriculum Feedback Actions Taken on Regulation R20

#### ACTION TAKEN REPORT ON CURRICULUM FEEDBACK

Feedback on the curriculum is collected regularly from various stakeholders; employers, faculty, students, and alumni. The collected feedback is then analysed by DAC committee of the EEE Department and following actions are proposed to the concerned Board of Studies. It is proposed to have some computer programming/ simulation labs.

- It is also proposed to have new topics in both professional core and in open electives.
- Some advanced technologies in the courses are proposed to add in the syllabus.
- It is proposed to see that laboratory experiments are organized according to the theory of the corresponding courses.
- It is planned to organize industrial visits relevant to the syllabus of few courses.
- Necessary initiatives were taken to improve student-faculty interaction and to understand the challenges and opportunities present in the Institute and to counsel their academic and personal problems 'Students Mentoring System' is introduced.

  
HOD-EEE  
HOD

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College Code: R9

## Department of Electronics and Communication Engineering Stakeholder Curriculum Feedback

### Summary and Actions Taken on Regulation R20

The Stake Holder feedback report was put forward in the DAC meeting of ECE department and a detailed discussion was made and the following actions were proposed:

- More flexibility given to students for doing internships by allowing the students to do Professional Electives and Open Electives in online mode.
- Advanced Subjects were introduced in curriculum.
- Static Timing Analysis and Systems Engineering were introduced under industry-oriented subjects as Professional Elective and Open Elective.
- This Feedback and comments will be sent to BOS committee for further discussion and inclusion in curriculum.

*Palka*  
HOD-ECE

*Praveen*  
PRINCIPAL

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College Code: R9

## Department of Computer Science and Engineering

### Stakeholder Curriculum Feedback

### Summary and Actions Taken on Regulation R20

Feedback on R20 collected from various stakeholders. Following are the inputs received from the stake holders regarding the syllabus.


The Stake holder feedback report was put forward in the DAC meeting of CSE department and a detailed discussion was made and the following actions were proposed:

#### FEEDBACK SUMMARY

- Faculty members suggested revision of some subjects and to introduce industry collaborated courses.
- The focus of students is more on the labs which should include new courses which are more related to their core area and help them do their projects.
- Parents suggested introducing new courses which meets industry requirements.
- Employers emphasized on introducing advanced course and new tools which help students gain knowledge on par with current trends.

#### ACTION TAKEN

- New Courses related to core specialization, like Data Science using R, Exploratory Data Analysis, Mobile Application Development were introduced in the curriculum.
- Syllabus of some subjects like Machine Learning, Automata and Compiler Design were revised upon the stakeholder's suggestions.
- Workshops with hands-on, hackathons are being conducted as value added courses to gain more practical knowledge.
- Advanced courses like Python, R, DevOps were introduced as part of lab curriculum along with theory which help them do their mini and major projects.
- MoU's were signed up with software companies to give real time exposure to students.

  
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College Code: R9

Date: 27-04-2022

## Department of Information Technology

### Stakeholder Curriculum Feedback

### Summary and Actions Taken on Regulation R20

Feedback on R20 collected from various stakeholders. Following are the inputs received from the stake holders regarding the syllabus.

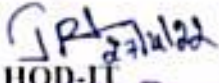
The Stake holder feedback report was put forward in the DAC meeting of IT department and a detailed discussion was made and the following actions were proposed:

#### FEEDBACK SUMMARY


- Student's suggestions were about including more practical sessions along with theory.
- Faculty suggested including more guest lectures on advanced technologies and practical oriented sessions.
- Employers suggested introducing emerging technologies in the curriculum keeping in view, students' employability and current market trends.
- Parents were satisfied with curriculum.
- Alumnae's feedback was satisfactory as the curriculum has introduced many advanced courses.

#### ACTION TAKEN

- Advanced courses like Full Stack Development, Computer Vision are included along with practical and more case studies are encouraged.
- New Courses based on current advanced technologies like IoT (Internet of Things), Deep Learning, and Blockchain Technologies are introduced as professional electives.
- Syllabus of some subjects was revised based on the stakeholders' suggestions.
- Some of the existing courses were revised on par with present advancements.
- More Workshops and hackathons are being conducted for students according to the present industrial needs.

  
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