



# CHIRALA ENGINEERING COLLEGE

RAMAPURAM BEACH ROAD, CHIRALA, ANDHRA PRADESH – 523157.

Approved by AICTE, Affiliated to JNTUK, Kakinada.

(ISO 9001:2008 Certified Institution)

## Department of Electronics and Communication Engineering

### **Student Feedback Analysis and Action taken on curriculum For The Academic Year: 2022 -2023**

Student Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>95% were happy with credits assigned to the course. 91% agree that the depth of the course content is adequate in relation to the expected course outcomes (COs).</li><li>Feedback concluded that the units in the syllabus are properly sequenced from the majority view. 93% of the students agree that the syllabus enables students to improve their ability to formulate, analyze and solve problems.</li><li>Relevance of electives to the specialization chosen. 94% rate the electives offered matches with technological advancements. Majority of the students are happy with the evaluation scheme designed for each of the course. The course material is adequately available.</li><li>88 % of the students agree that the laboratory experiments enhanced the understanding of the concepts and enabled to relate theory to practice (Experiential Learning)</li><li>Use of digital boards for explanation rather than pdf Important questions to be discussed topic wise</li></ol>	<ul style="list-style-type: none"><li>Subject materials provided for Module Wise, Question Bank, Video lecture links are shared.</li><li>Students are encouraged to lead various Club activities for technical &amp; non-technical to enhance their Leadership qualities and improve communication skills.</li><li>Animated videos, different teaching tools (Jam board, digital board) and simulations are used.</li><li>Solutions and scheme of evaluation for previous year University question papers are shared and discussed.</li><li>Additional Laboratory sessions for lab experiments are conducted to enhance their practical knowledge.</li><li>T&amp;P cell is arranging training and helping the students to file a patent.</li><li>Students are encouraged and guided to write and publish a research paper of their project work.</li></ul>

  
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### Teacher's Feedback Analysis and Action taken on curriculum for Academic Year: 2022 -2023

Teacher's Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Introduce Web Resources for Knowledge Enhancement</li><li>2. Suggested students to participate in Skill Development Programs to sustain in Industry.</li><li>3. Students should be trained in Spoken English and Communication Skills.</li><li>4. Student must be encouraged to do Master's and Research in abroad and in premier institutions.</li><li>5. Improve the participation of students in co-curricular and extra-curricular activities in addition to academics.</li></ol>	<ul style="list-style-type: none"><li>• It is made mandatory for all faculties to upload the course material in MOODLE.</li><li>• Students were encouraged to register for Certification Courses.</li><li>• Students were apprised on the need of improving English Knowledge and also several add-on programs were conducted.</li><li>• Guided the students to prepare for GATE, CAT, GRE, etc and encouraged to strengthen the basic concepts.</li><li>• Motivated the students to join in NSS, NCC and participate in Sports competitions.</li></ul>



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### Employer Feedback Analysis and Action taken on curriculum for Academic Year: 2022 -2023

EMPLOYER Feedback Analysis	Actions Taken
1. Certification courses like JAVA, .dotnet, VLSI, IC designing and networking etc... can be made mandatory	<ul style="list-style-type: none"><li>Students are free to do the certification courses of their interest through NPTEL, or other OCW and it is proposed to allot 2 to 3 hours a week for this in time table. Minimum one certification should be done by each student through MOOCS.</li></ul>
2. Work towards developing communication skills	<ul style="list-style-type: none"><li>Communication skills Training is provided to students right from the first year.</li></ul>
3. Encourage students to improve coding skills and create awareness about latest technologies.	<ul style="list-style-type: none"><li>courses involving latest technologies are chosen from the list of open elective courses and workshops are conducted from time to time. Guest lectures are also arranged and Skill development courses are arranged.</li></ul>
4. Industrial visits may be increased to get more exposure	<ul style="list-style-type: none"><li>Industrial visits are increased</li></ul>
5. Improve the participation of students in Internships and to enhance the standard of the academic project to meet industry standard.	<ul style="list-style-type: none"><li>Motivated the students to undertake Real Time projects and encouraged the student to participate in Internships.</li></ul>
6. Student must be encouraged to do Master's and Research in premier institutions like NITs, IITs, IIMs etc.,	<ul style="list-style-type: none"><li>Direction is given to the student to prepare for GATE, CAT, GRE, etc and encouraged them to access NPTEL courses to strengthen the basic concepts.</li></ul>



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## Alumni Feedback Analysis and Action taken on curriculum for Academic Year: 2022 -2023

ALUMNI Feedback Analysis	Actions Taken
1. Need more focus on Industrial Training	<ul style="list-style-type: none"><li>• Industry Internship is included in the curriculum.</li></ul>
2. Need to add concepts related to current industry requirements.	<ul style="list-style-type: none"><li>• Current industry required subjects are chosen from the professional electives and open electives.</li></ul>
3. Current state of knowledge in computers to be imparted.	<ul style="list-style-type: none"><li>• Students are permitted to undergo industry internships.</li></ul>
4. It would be nice if interdisciplinary courses are added to the existing courses.	<ul style="list-style-type: none"><li>• Open elective courses are included to the curriculum.</li></ul>
5. Regular and periodic visits to industries would give a better picture of the text book knowledge.	<ul style="list-style-type: none"><li>• Industrial visits increased</li></ul>



  
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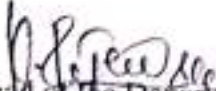
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## Department of Electronics and Communication Engineering Student Feedback Analysis and Action taken on curriculum For Academic Year: 2021 -2022

Student Feedback Analysis	Actions Taken
<p>1. 88 % of the students agree that the laboratory experiments enhanced the understanding of the concepts and enabled to relate theory to practice (Experiential Learning)</p> <p>2. 95% were happy with credits assigned to the course. 91% agree that the depth of the course content is adequate in relation to the expected course outcomes (COs).</p> <p>3. Feedback concluded that the units in the syllabus are properly sequenced from the majority view. 93% of the students agree that the syllabus enables students to improve their ability to formulate, analyze and solve problems.</p> <p>4. Relevance of electives to the specialization chosen. 94% rate the electives offered matches with technological advancements. Majority of the students are happy with the evaluation scheme designed for each of the course. The course material is adequately available.</p> <p>5. Use of digital boards for explanation rather than pdf Important questions to be discussed topic wise</p>	<ul style="list-style-type: none"><li>• Extra Lab Experiments or Programs related to syllabus are encouraged to add in the labs.</li><li>• All Staff makes sure that all the COs and POs are fulfilled.</li><li>• Instructed to teach content beyond syllabus such that flavor of the subject is inculcated to the minds of students.</li><li>• Electives which are job oriented and high demand course was chosen in the benefit of students.</li><li>• Usage of PPTs, Animations and Video Lectures were made mandatory to be taught in order to increase visualization of concept to the students.</li></ul>



  
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### Teacher's Feedback Analysis and Action taken on curriculum for Academic Year: 2021-2022

Teacher's Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Increasing practical knowledge to students by industrial visits to particular specializations.</li><li>2. Suggested students to participate in Skill Development Programs to sustain in Industry.</li><li>3. Students should be trained in Spoken English and Communication Skills.</li><li>4. Student must be encouraged to do Master's and Research in abroad and in premier institutions.</li><li>5. Improve the participation of students in co-curricular and extra-curricular activities in addition to academics.</li></ol>	<ul style="list-style-type: none"><li>• It is made mandatory for all faculties to upload the course material in MOODLE.</li><li>• Students were encouraged to register for Certification Courses.</li><li>• Students were apprised on the need of improving English Knowledge and also several add-on programs were conducted.</li><li>• Guided the students to prepare for GATE, CAT, GRE, etc and encouraged to strengthen the basic concepts.</li><li>• Motivated the students to join in NSS, NCC and participate in Sports competitions.</li></ul>



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### Employer Feedback Analysis and Action taken on curriculum for Academic Year: 2021 -2022

EMPLOYER Feedback Analysis	Actions Taken
1. To improve knowledge of students in view of latest technologies.	<ul style="list-style-type: none"><li>• Students are free to do the certification courses of their interest through NPTEL or other OCW and it is proposed to allot some stipulated time such as 2 to 3 hours per week in time tables. Advised that Minimum one certification should be done by each student through MOOCS.</li></ul>
2. Work towards developing communication skills	<ul style="list-style-type: none"><li>• Soft skills Training is provided to students right from the first year.</li></ul>
3. Encourage students to improve coding skills and create awareness about latest technologies.	<ul style="list-style-type: none"><li>• courses involving latest technologies are chosen from the list of open elective courses and workshops are conducted from time to time. Guest lectures are also arranged and Skill development courses are arranged.</li></ul>
4. Industrial visits may be increased to get more exposure.	<ul style="list-style-type: none"><li>• Industrial visits are increased</li></ul>
5. Student must be encouraged to do Master's and Research in premier institutions like NITs, IITs, IIMs, Universities, etc.,	<ul style="list-style-type: none"><li>• Direction is given to the student to prepare for APPGECET, GATE, CAT, GRE, GMAT, TOEFL, DUOLINGO etc and encouraged them to access NPTEL courses to strengthen the basic concepts.</li></ul>





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### Alumni Feedback Analysis and Action taken on curriculum for Academic Year: 2021 -2022

ALUMNI Feedback Analysis	Actions Taken
1. Improve co-curricular activities	<ul style="list-style-type: none"><li>• Encouraging Students to Participate in Internships Offered by Various Organizations.</li></ul>
2. Required digital source to learn new things.	<ul style="list-style-type: none"><li>• We conduct online classes for latest job point and curriculum also.</li></ul>
4. It would be nice if interdisciplinary courses are added to the existing courses.	<ul style="list-style-type: none"><li>• Open elective courses are taken by using student preferences.</li></ul>
5. Conduct CRT classes on latest Software languages.	<ul style="list-style-type: none"><li>• Industrial visits increased</li></ul>



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## Student Feedback Analysis on Curriculum

*Academic Year : 2020 -21*

Department: Electronics and Communication Engineering

### Analysis:

- Less rating for the evaluation scheme.
- Course materials were not readily available.
- Lack of curriculum helps to increase abilities to develop, analyze, and solve problems.

### Action(s) to be Taken:

- 2-Tier Evaluation Scheme for Mid Examinations was suggested. A Course Coordinator Will Verify the Evaluated Sheets by the subject handling faculty.
- Instructed the Faculty to share course materials after completion of unit via telegram or whatsapp groups.
- Advised Faculty to teach content beyond syllabus and tell the depth of the concepts with realtime applications.

*Dr. R. A. Isabel*  
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## Teacher's Feedback Analysis and Action taken on curriculum for Academic Year: 2020 -2021

Teacher's Feedback Analysis	Actions Taken
<p>1. Suggested students to participate in Skill Development Programs to sustain in Industry.</p> <p>3. Students should be trained in Spoken English and Communication Skills.</p> <p>4. Student must be encouraged to do Master's and Research in abroad and in premier institutions.</p> <p>5. Improve the participation of students in co-curricular and extra-curricular activities in addition to academics.</p>	<ul style="list-style-type: none"><li>• Students were encouraged to register for Certification Courses.</li><li>• Students were apprised on the need of improving English Knowledge and also several add-on programs were conducted.</li><li>• Guided the students to prepare for GATE, CAT, GRE, etc and encouraged to strengthen the basic concepts.</li><li>• Motivated the students to join in NSS, NCC and participate in Sports competitions.</li></ul>



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### Employer Feedback Analysis and Action taken on curriculum for Academic Year: 2020 -2021

EMPLOYER Feedback Analysis	Actions Taken
1. Lack of communication skills of students.	• Implemented CRT classes with soft skills.
2. Irrelevant curriculum for employability.	• Conducting workshops, seminars and conferences on latest and trending technologies.
3. Low student's contribution to growth of industries.	• Encouraging students to do internships in various industries to contribute towards growth of industries.



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## Alumni Feedback Analysis and Action taken on curriculum for Academic Year: 2020 -2021

ALUMNI Feedback Analysis	Actions Taken
1. Alumni requested more industrial visits.	<ul style="list-style-type: none"><li>Industrial visits are planned to the nearby industries.</li></ul>
2. Alumni requests it is to need to add concepts related to current industry requirements.	<ul style="list-style-type: none"><li>We Suggests Department coordinators to select Current industry required subjects from the professional electives and open electives.</li></ul>



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### Student Feedback Analysis and Action taken on Curriculum

Department of Electronics and Communication Engineering

**The Academic Year: 2019 -2020**

Student Feedback Analysis	Actions Taken
1. Course material are not readily available	1. Instructed faculty to provide the course material after the completion of the unit.
2. Lack of Curriculum to meet the industrial needs	2. Advised Faculty to teach content beyond syllabus on tell the depth of the concepts with real time applications.

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### Teacher's Feedback Analysis and Action taken on curriculum

Academic Year: 2019 -2020

Teacher's Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Suggested students to participate in Skill Development Programs to sustain in Industry.</li><li>2. Improve the participation of students in co-curricular and extra-curricular activities in addition to academics.</li></ol>	<ul style="list-style-type: none"><li>• Students were encouraged to register for Certification Courses.</li><li>• Motivated the students to join in NSS, NCC and participate in Sports competitions.</li></ul>



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### Employer Feedback Analysis and Action taken on curriculum for Academic Year: 2019-2020

EMPLOYER Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Industrial visits may be increased to get more exposure</li><li>2. Improve the participation of students in Internships and to enhance the standard of the academic project to meet industry standard.</li></ol>	<ul style="list-style-type: none"><li>• Motivated the students to undertake Real Time projects and encouraged the student to participate in Internships.</li><li>• Direction is given to the student to prepare for GATE, CAT, GRE, etc and encouraged them to access NPTEL courses to strengthen the basic concepts.</li></ul>



  
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## Alumni Feedback Analysis and Action taken on curriculum

Academic Year: 2019 -2020

ALUMNI Feedback Analysis	Actions Taken
1. It would be nice if interdisciplinary courses are added to the existing courses.	1. Open elective courses are included to the curriculum.
2. Regular and periodic visits to industries would give a better picture of the text book knowledge.	2. Industrial visits increased



  
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### Student Feedback Analysis and Action taken on Curriculum

Department of Electronics and Communication Engineering

**The Academic Year: 2018 -2019**

Student Feedback Analysis	Actions Taken
1. Students requested to encourage them to participate in events conducted by premier institutes.	1. Encouragement is given to the students to participate in more events.
2. Problem of arranging books. Material is not available in hard copy	2. Subject materials provided for chapter Wise. Question Bank.
3. Need more training on problem solving techniques.	3. Technical training and CRT classes are being conducted to improve their skills

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### Teacher's Feedback Analysis and Action taken on curriculum

Academic Year: 2018-2019

Teacher's Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Students should be trained in Spoken English and Communication Skills.</li><li>2. Student must be encouraged to do Master's and Research in abroad and in premier institutions.</li></ol>	<ul style="list-style-type: none"><li>• Students were apprised on the need of improving English Knowledge and also several add-on programs were conducted.</li><li>• Guided the students to prepare for GATE, CAT, GRE, etc and encouraged to strengthen the basic concepts.</li></ul>



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## Employer Feedback Analysis and Action taken on curriculum for Academic Year: 2018-2019

EMPLOYER Feedback Analysis	Actions Taken
1. Encourage students to improve coding skills and create awareness about latest technologies.	• Courses involving latest technologies are chosen from the list of open elective courses and workshops are conducted from time to time. Guest lectures are also arranged and Skill development courses are arranged.
2. Industrial visits may be increased to get more exposure	• Industrial visits are increased



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### Alumni Feedback Analysis and Action taken on curriculum

Academic Year: 2018 -2019

ALUMNI Feedback Analysis	Actions Taken
<ol style="list-style-type: none"><li>1. Need to add concepts related to current industry requirements.</li><li>2. Current state of knowledge in computers to be imparted.</li></ol>	<ul style="list-style-type: none"><li>• Current industry required subjects are chosen from the professional electives and open electives.</li><li>• Students are permitted to undergo industry internships.</li></ul>



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