



UNIVERSAL COLLEGE OF ENGINEERING & TECHNOLOGY

DOKIPARRU (P), PERECHARLA (M), GUNTUR-522438.

Affiliated to JNTU, Kakinada & Approved by AICTE New Delhi

STUDENT CENTRIC METHODS

Experimental Learning



Participative Learning



Problem Solving Methodologies





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DEPARTMENT OF CIVIL ENGINEERING

PROBLEM SOLVING METHODOLOGIES FOR ENHANCED LEARNING

EXPERIENCES

- **Industrial MoU's :** Students are facilitated with internships, in-plant trainings, industrial visits, workshops and placements with the help of MoU's that have been signed with large, medium, small scale industries. Students are sent in batches for internships where they are exposed to the real time industrial working conditions and experiences.
- **Industrial Training:** Several students have undergone industrial training in several industries like Vizag steel plant etc.
- **Value Added Programs:** Students were aided with various value added programs during their course study. These programs were conducted according to the curriculum and also students' area of interests. For instance MATLAB, ANSYS, AUTOCAD, FUSION 360 are some of the programs conducted. Along with the above, programs like Communication Skill Development, Personality Development, Quantitative aptitude etc that comes under CRT (Campus Recruitment Training) are also facilitated to the students. These programs will equip the students with required skills to face and crack the placement jobs.
- **Centers of Excellence:** Campuses acquired with internationally imported machines functioning in the laboratories. These laboratories benefit the students with hands on technical training, enhance the domain knowledge and to develop contemporary applications.
- **Skill Development:** Numerous training programs like MATLAB, ANSYS, AUTOCAD, CATIA, CNC LATHE, ProE, Embedded System, Adriano, PIC Microcontroller, VLSI Design etc are provided for





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the students. These programs will develop and enhance the students' skills and help them to pinnacle the technical world.

[2]

- **Mentorship programs by Alumni:** Students in the campus are immensely benefited by the discrete programs by Alumni association. The association helps and encourages the students by offering inputs on industry expectations and practices, delivering technical and motivation talks, conducting mock interviews that simulates real time companies.
- **Student clubs and special Interest groups:** Along with different cultural clubs, the students can join in technical clubs that are functioning in the campus. They can join according to their area of interest so that they can enjoy and improve the skills as per their domain. These clubs and groups also boost the students' ability to think in innovative paths.
- **Industry Consultancy:** Students are allowed to accomplish consultancy projects under industries like CANTERCADD, CADCENTER etc which provides opportunity to the students to work on real time industry problems.
- **Technical Challenges:** Students are encouraged to participate in numerous technical events like Project expo, Paper presentation, Poster presentation, Technical Quiz etc which brings out the best innovative ideas from the students. These competitions are evaluated by the experts.
- **Soft Skill Training:** Training the students in soft skills through high end faculty from various reputed skill development consultancies is imparted in students schedule during the course. This program merges with student club like Literary Appreciation club and furnishes the students leadership, interpersonal and public speaking skills.
- **Lecture method:** This is a common method of teaching adopted by the faculty. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. Distinct assignments are issued to the students after completion of each unit to enrich their learning.
- **Interactive method:** Students are encouraged to participate in several interactive methods





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like group discussion, role-play, subject quiz, news analysis, educational games and discussion with question/answers .These will help the student to come out of their comfort zone and interact with the fellow students and faculty and express their innovative ideas and thinking. Along with these, tutorial classes are included in course schedule to impart the problem solving skills among the students.

- **Group Learning Method:** A small group of 5 to 10 students are made in specific subjects of each individual department under the group learning method. Several events like group discussions, Management Games and Group Projects/Assignments are imparted to the students groups which help them to enhance knowledge with the fellow members of the group.
- **Project-based Learning:** Project work is mandatory for every student in the final semester of the course as per the curriculum of the university. Students are given privilege to do projects in industries under an internal guide from the department, which helps the students to experience the real time industry work for six months. CANTER CADD, JOCIL, INDIAN RAILWAYS are some of the industries under students completed their projects. Students work under phases like survey, case study, implementation, testing and report writing that ensure the required project-based learning.
- **Experiential Learning:** Students undergo teaching through experimentation, demonstration , visual aids, periodical industrial visits, organizing exhibitions as well as presenting papers by the faculty to ensure the enhanced thinking in the students.\
- **Student Seminar:** Seminars are the integral part of the student's life in the institute. Students are encouraged to give the seminars in their interested domain both in technical and social affairs. These seminars are evaluated by the Head of the department and faculty , followed by the feed back that helps the student to improvise the lagging and required skills.





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- **Summer Internship Project:** Students are encouraged to take part in summer internship programs in industries during their semester break. The time span of these internships will be from 2 to 4 weeks. These internships will expose students to the industrial culture in short span.
- **Digital Library:** Individual department HODs, faculty and principal by considering the requirements of the students, screens numerous videos related to curriculum subjects. A separate digital library hall with required projector is established in the campus to screen the videos.
- **Guest lectures and Webinars:** As schedule will be made in individual department regarding the number of guest lectures, workshops and webinars to be conducted in each semester. As per the schedule the events will be conducted and these will serve extra knowledge to the students out of the curriculum. Webinars are conducted if the resource person is out of the state/country.
- **Language Laboratory:** Communication Language laboratory has been established for students to improve their English proficiency as per the curriculum. Alongside, separate soft skill classes are imparted in the timetable before every department and class to ensure the enhancement of communication skills among the students.
- **Co-curricular Activities:** Students are reinforced to participate in the inter college fests like UNIQUEST organized by the institute and also by the other institutes. Many students achieved several prizes and appreciations by participating in activities like sports, arts, contests, technical events etc.



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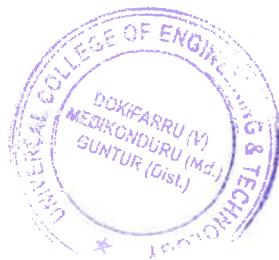
DEPARTMENT OF CIVIL ENGINEERING

TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

II-Semester

Sl. No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	8
2	PPT	8
3	Visualization	6
4	Co-operative learning	4
5	Enquiry based instruction	4
6	Differentiation	4
7	Technology	5
8	Virtual lab	5
9	NPTEL Videos	5
10	Seminars	5
11	Brainstorming	2
12	Buzz group	4
13	Animated lecturers	2
14	Pictorial sessions	2
15	Debate sessions	3
16	Quiz	3
17	OHP	3
18	Role play	4
19	Survey based assessment	3
20	Behavior management	1
21	Professional development	8





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DEPARTMENT OF CIVIL ENGINEERING

COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
R20320211(DDSS)	Y	Y	Y		Y				Y		Y	Y		Y							Y
R20320212(WRE)	Y	Y	Y	Y		Y	Y	Y	Y								Y	Y			Y
R20320213(GTE-II)	Y	Y	Y		Y	Y	Y	Y	Y								Y				Y
R2032021C(RSE)	Y	Y	Y						Y	Y							Y	Y			Y
R2032021G(D.M)	Y	Y		Y	Y			Y	Y							Y	Y			Y	
R20320215(RS&GIS LAB)	Y	Y	Y	Y	Y		Y	Y			Y				Y	Y		Y		Y	
R20320216(CED PRACTICE)	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y		Y		Y			Y	
R2042021P	Y	Y		Y		Y	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
TOTAL	8	8	6	4	4	4	5	5	5	5	2	4	2	2	3	3	3	4	3	1	8




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DEPARTMENT OF CIVIL ENGINEERING

ACADEMIC YEAR: 2023-24

I SEMESTER

Sl.No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	16
2	PPT	12
3	Visualization	7
4	Co-operative learning	6
5	Enquiry based instruction	5
6	Differentiation	3
7	Technology	11
8	Virtual Lab	4
9	NPTEL Videos	10
10	Seminars	12
11	Brainstorming	5
12	Buzz group	6
13	Animated lecturers	5
14	Pictorial sessions	7
15	Debate sessions	3
16	Quiz	8
17	OHP	5
18	Role play	5
19	Survey based assessment	7
20	Behavior management	5
21	Professional development	16





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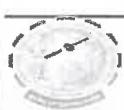
COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
R2031011(SA)	Y	Y	Y			Y	Y		Y		Y	Y									Y
R2031012(RCC)	Y	Y	Y				Y		Y		Y		Y	Y							Y
R2031013(GTE-I)	Y	Y				Y	Y		Y	Y											Y
R203101B(RS&GIS)	Y	Y	Y	Y		Y			Y	Y					Y						Y
R203101J(E.M)	Y	Y							Y	Y					Y		Y	Y	Y	Y	Y
R2031014(SURVEY LAB)	Y			Y	Y		Y	Y		Y	Y						Y	Y	Y	Y	Y
R2031015(GTE LAB)	Y			Y			Y	Y		Y	Y					Y	Y	Y	Y	Y	Y
R2031016(SAC)	Y		Y	Y	Y						Y	Y	Y		Y	Y	Y	Y	Y	Y	Y
R2031017(PE & HV)	Y			Y							Y				Y	Y	Y	Y	Y	Y	Y
R2031018(INTERNSHIP)	Y	Y		Y	Y			Y		Y	Y					Y			Y	Y	Y
R204101D(UTP)	Y	Y			Y	Y				Y	Y	Y									Y
R204101F(GST)	Y	Y	Y				Y			Y	Y	Y					Y				Y
R204101K(UH)	Y	Y	Y				Y			Y	Y	Y									Y
R204101T(AIML)	Y	Y					Y			Y	Y	Y	Y		Y	Y	Y	Y			Y
R204101W(SE)	Y	Y					Y			Y	Y	Y			Y		Y	Y	Y		Y
R2041013(SAC)	Y	Y	Y	Y				Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TOTAL	16	12	7	6	5	3	11	4	10	12	5	6	5	7	3	8	5	5	7	5	16

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DEPARTMENT OF AI & ML

TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

II-SEMESTERS

S. No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	10
2	PPT	9
3	Visualization	7
4	Co-operative learning	6
5	Enquiry based instruction	5
6	Differentiation	6
7	Technology	1
8	Virtual lab	6
9	NPTEL Videos	10
10	Seminars	8
11	Brainstorming	6
12	Buzz group	5
13	Animated lecturers	8
14	Pictorial sessions	9
15	Debate sessions	5
16	Quiz	10
17	OHP	6
18	Role play	0
19	Survey based assessment	0
20	Behavior management	1
21	Professional development	1





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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R2022055	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y			
R2022054	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2022053	Y	Y	Y		Y	Y		Y	Y	Y			Y	Y		Y	Y			
R2022052	Y	Y	Y		Y				Y		Y	Y		Y	Y	Y				
R2022051	Y	Y		Y		Y			Y	Y							Y	Y		Y
R2032040	Y	Y	Y	Y	Y				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
R2032051	Y	Y	Y			Y	Y	Y			Y		Y	Y		Y	Y			
R2032052	Y	Y		Y				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2032053	Y		Y	Y		Y			Y	Y			Y	Y		Y	Y			
R203205A	Y	Y	Y	Y	Y	Y			Y	Y			Y	Y	Y	Y	Y			
R2032059	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y		Y	Y			
TOTAL	11	10	8	7	6	7	2	7	11	8	7	5	9	10	5	11	7	1	1	

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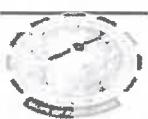
TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

I-SEMESTERS

S. No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	10
2	PPT	9
3	Visualization	7
4	Co-operative learning	6
5	Enquiry based instruction	5
6	Differentiation	6
7	Technology	1
8	Virtual lab	6
9	NPTEL Videos	10
10	Seminars	8
11	Brainstorming	6
12	Buzz group	5
13	Animated lecturers	8
14	Pictorial sessions	9
15	Debate sessions	5
16	Quiz	10
17	OHP	6
18	Role play	0
19	Survey based assessment	0
20	Behavior management	1
21	Professional development	1





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COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R2021051	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y			
R2021052	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2021053	Y	Y	Y		Y	Y		Y	Y	Y			Y	Y		Y	Y			
R2021054	Y	Y	Y		Y				Y		Y	Y		Y	Y	Y	Y			
R2021010	Y	Y		Y		Y			Y	Y						Y	Y		Y	
R2021011	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	
R203104I	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y		Y	Y			
R2031051	Y	Y		Y				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2031052	Y		Y	Y		Y			Y	Y			Y	Y		Y	Y			
R2031053	Y	Y	Y	Y	Y	Y			Y	Y		Y	Y	Y	Y	Y	Y			
R203105B	Y	Y	Y	Y	Y	Y	Y	Y			Y		Y	Y		Y	Y			
R2031058	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y			
R204104V	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R204105A	Y	Y	Y		Y	Y		Y	Y	Y			Y	Y		Y	Y			
R204105E	Y	Y	Y		Y				Y		Y	Y		Y	Y	Y	Y			
R204105J	Y	Y		Y		Y			Y	Y						Y	Y		Y	
R204101R	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	
TOTAL	17	16	12	10	10	10	2	11	17	13	11	8	13	15	8	17	11	0	2	2

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

II-SEMESTERS

S. No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	10
2	PPT	9
3	Visualization	7
4	Co-operative learning	6
5	Enquiry based instruction	5
6	Differentiation	6
7	Technology	1
8	Virtual lab	6
9	NPTEL Videos	10
10	Seminars	8
11	Brainstorming	6
12	Buzz group	5
13	Animated lecturers	8
14	Pictorial sessions	9
15	Debate sessions	5
16	Quiz	10
17	OHP	6
18	Role play	0
19	Survey based assessment	0
20	Behavior management	1
21	Professional development	1





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COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
R2022614	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y				
R2022055	Y	Y		Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				
R2022053	Y	Y	Y		Y	Y	Y	Y	Y	Y		Y	Y		Y	Y	Y	Y			
R2022422	Y	Y	Y		Y			Y		Y	Y		Y	Y	Y	Y	Y				
R2022421	Y	Y		Y	Y		Y	Y							Y	Y		Y			
R2022051	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	
R2032040	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y	Y	Y	Y	Y	Y		
R2032421	Y	Y		Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
R2032422	Y		Y	Y		Y		Y	Y			Y	Y		Y	Y	Y	Y	Y		
R2032423	Y	Y	Y	Y	Y	Y		Y	Y		Y	Y	Y	Y	Y	Y	Y	Y			
R203242A	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y		Y	Y		Y	Y		Y	Y	
R2032426	Y	Y	Y		Y		Y	Y	Y	Y		Y	Y		Y	Y		Y	Y		
R2032059	Y	Y		Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
TOTAL	13	12	9	8	7	8	2	9	13	10	9	6	11	12	6	13	8	0	1	1	

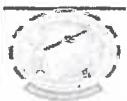
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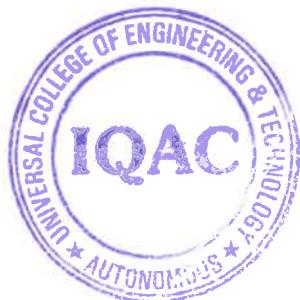
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

I-SEMESTERS

S. No	Teaching Aid/Methodology	Number of Courses
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COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
R203104I	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y			
R2031421	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2031422	Y	Y	Y		Y	Y		Y	Y	Y			Y	Y		Y	Y			
R2031423	Y	Y	Y		Y				Y		Y	Y		Y	Y	Y	Y			
R203142A	Y	Y		Y		Y			Y	Y						Y	Y		Y	
R2031057	Y	Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
R202101A	Y	Y	Y			Y	Y	Y	Y		Y		Y	Y		Y	Y			
R2021425	Y	Y		Y				Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
R2021426	Y		Y	Y		Y			Y	Y			Y	Y		Y	Y			
R2021121	Y	Y	Y	Y	Y	Y			Y	Y		Y	Y	Y	Y	Y	Y			
R2021422	Y	Y	Y	Y	Y	Y	Y	Y			Y		Y	Y		Y	Y			
R2021421	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y		Y	Y			
R2021054	Y	Y		Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			
TOTAL	13	12	9	8	7	8	2	9	13	10	9	6	11	12	6	13	8	0	1	1

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROBLEMSOLVINGMETHODOLOGIESFORENHANCEDLEARNING

EXPERIENCES

- **Industrial MoU's :** Students are facilitated with internships, in-plant trainings, industrial visits, workshops and placements with the help of 9 MoU's that have been signed with large, medium, small scale industries. Students are sent in batches for internships where they are exposed to the real time industrial working conditions and experiences.
- **Industrial Training:** Several students have undergone industrial training in several industries like Vizag steel plant etc.
- **Value Added Programs:** Students were aided with various value added programs during their course study. These programs were conducted according to the curriculum and also students' area of interests. For instance MATLAB, ANSYS, AUTOCAD, FUSION 360 are some of the programs conducted. Along with the above, programs like Communication Skill Development, Personality Development, Quantitative aptitude etc that comes under CRT (Campus Recruitment Training) are also facilitated to the students. These programs will equip the students with required skills to face and crack the placement jobs.
- **Centers of Excellence:** Campus is acquired with internationally imported machines functioning in the laboratories. These laboratories benefit the students with hands on technical training, enhance the domain knowledge and to develop contemporary applications.
- **Skill Development:** Numerous training programs like MATLAB, ANSYS, AUTOCAD, CATIA, CNC LATHE, ProE, Embedded System, Arduino, PIC Microcontroller, VLSI Design etc are provided for





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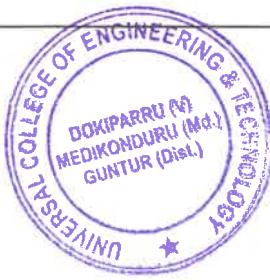
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the students. These programs will develop and enhance the students' skills and help them to pinnacle the technical world.



- **Mentorship programs by Alumni:** Students in the campus are immensely benefited by the discrete programs by Alumni association. The association helps and encourages the students by offering inputs on industry expectations and practices, delivering technical and motivation talks, conducting mock interviews that simulates real time companies.
- **Student clubs and special Interest groups:** Along with different cultural clubs, the students can join in technical clubs that are functioning in the campus. They can join according to their area of interest so that they can enjoy and improve the skills as per their domain. These clubs and groups also boost the students' ability to think in innovative paths.
- **Industry Consultancy:** Students are allowed to accomplish consultancy projects under industries like CANTERCADD, CAD CENTER etc which provides opportunity to the students to work on real time industry problems.
- **Technical Challenges:** Students are encouraged to participate in numerous technical events like Project expo, Paper presentation, Poster presentation, Technical Quiz etc which brings out the best innovative ideas from the students. These competitions are evaluated by the experts.
- **Soft Skill Training:** Training the students in soft skills through high end faculty from various reputed skill development consultancies is imparted in students schedule during the course. This program merges with student club like Literary Appreciation club and furnishes the students leadership, interpersonal and public speaking skills.
- **Lecture method:** This is a common method of teaching adopted by the faculty. This method facilitates the teacher to interpret, explain and revise the content of a text only for better understanding of the subject by the learners. Distinct assignments are issued to the students after completion of each unit to enrich their learning.





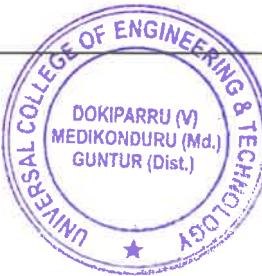
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- **Interactive method:** Students are encouraged to participate in several interactive methods like group discussion, role-play, subject quiz, news analysis, educational games and discussion with question/answers. These will help the students to come out of their comfort zone and interact with the fellow students and faculty and express their innovative ideas and thinking. Along with these, tutorial classes are included in course schedule to impart the problem solving skills among the students.
- **Group Learning Method:** A small group of 5 to 10 students are made in specific subjects of each individual department under the group learning method. Several events like group discussions, Management Games and Group Projects/Assignments are imparted to the students groups which help them to enhance knowledge with the fellow members of the group.
- **Project-based Learning:** Project work is mandatory for every student in the final semester of the course as per the curriculum of the university. Students are given privilege to do projects in industries under an internal guide from the department, which helps the students to experience the real-time industry work for six months. CANTER CADD, JOCIL, INDIAN RAILWAYS are some of the industries under students completed their projects. Students work under phases like survey, case study, implementation, testing and report writing that ensure the required project-based learning.
- **Experiential Learning:** Students undergo teaching through experimentation, demonstration, visual aids, periodical industrial visits, organizing exhibitions as well as presenting papers by the faculty to ensure the enhanced thinking in the students.\
- **Student Seminar:** Seminars are the integral part of the student's life in the institute. Students are encouraged to give the seminars in their interested domain both in technical and social affairs. These seminars are evaluated by the Head of the department and faculty, followed by the feedback that helps the student to improvise the lagging and required skills.





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- **Summer Internship Project:** Students are encouraged to take part in summer internship programs in industries during their semester break. The time span of these internships will be from 2 to 4 weeks. These internships will expose students to the industrial culture in short span.
- **Digital Library:** Individual department HODs, faculty and principal by considering the requirements of the students, screens numerous videos related to curriculum subjects. A separate digital library hall with required projector is established in the campus to screen the videos.
- **Guest lectures and Webinars:** A schedule will be made in individual department regarding the number of guest lectures, workshops and webinars to be conducted in each semester. As per the schedule the events will be conducted and these will serve extra knowledge to the students out of their curriculum. Webinars are conducted if the resource person is out of the state/country.
- **Language Laboratory:** Communication Language laboratory has been established for students to improve their English proficiency as per the curriculum. Alongside, separate soft skill classes are imparted in the timetable before every department and class to ensure the enhancement of communication skills among the students.
- **Co-curricular Activities:** Students are reinforced to participate in the inter college fests like UNIQUEST organized by the institute and also by the other institutes. Many students achieved several prizes and appreciations by participating in activities like sports, arts, contests, technical events etc.





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II BTECH ECE STUDENT K.SAILAJA SHE GOT HIGHEST PERCENTAGE IN I BTECH .



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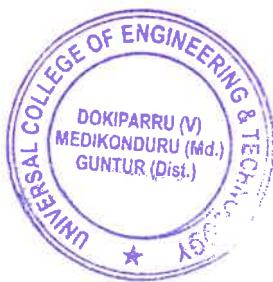
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**III ECE STUDENTS GOT A FIRST PRIZE
IN BAPATLA ENGINEERING COLLEGE
FOR PROJECT EXPO**





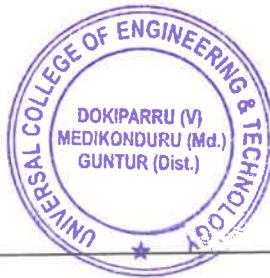
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

TEACHING METHODOLOGIES CONTENT

Academic Year: 2023-24

II SEMESTER

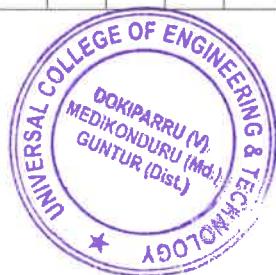
Sl.No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	11
2	PPT	10
3	Visualization	8
4	Co-operative learning	7
5	Enquiry based instruction	6
6	Differentiation	7
7	Technology	6
8	Virtual lab	9
9	NPTEL Videos	11
10	Seminars	9
11	Brainstorming	6
12	Buzz group	8
13	Animated lecturers	9
14	Pictorial sessions	10
15	Debate sessions	8
16	Quiz	11
17	OHP	7
18	Role play	1
19	Survey based assessment	1
20	Behavior management	1
21	Professional development	9





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
R2022041(ECA)	Y	Y	Y		Y			Y	Y	Y	Y		Y	Y	Y	Y	Y				Y
R2022042(DICD)	Y	Y		Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
R2022043(AC)	Y	Y	Y		Y	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y				Y
R2022044(LCS)	Y	Y	Y		Y				Y		Y	Y		Y	Y	Y					Y
R2022045(MOB)	Y	Y		Y		Y			Y	Y						Y	Y				Y
R2032041(MP&MC)	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
R2032042(VLSI D)	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y				Y
R2032043(DSP)	Y	Y		Y			Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y				Y
R203204A(MWE)	Y		Y	Y		Y		Y	Y	Y			Y	Y			Y	Y			Y
R203205K(CN)	Y	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y	Y	Y	Y					
R204204P(MAJOR PROJECT)	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y
TOTAL	11	10	8	7	6	7	6	9	11	9	6	8	9	10	8	11	7	1	1	1	9




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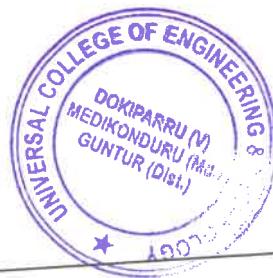

Signature of the HoD



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2023-24 I SEMESTER

Sl.No	Teaching Aid/Methodology	Number of Courses
1	Chalk & Talk	15
2	PPT	12
3	Visualization	9
4	Co-operative learning	10
5	Enquiry based instruction	9
6	Differentiation	8
7	Technology	11
8	Virtual lab	9
9	NPTEL Videos	15
10	Seminars	9
11	Brainstorming	11
12	Buzz group	12
13	Animated lecturers	12
14	Pictorial sessions	13
15	Debate sessions	6
16	Quiz	15
17	OHP	7
18	Role play	1
19	Survey based assessment	0
20	Behavior management	1
21	Professional development	2





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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

COURSE CODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
R2021011(M-III)	Y			Y	Y			Y		Y	Y			Y	Y	Y					
R2021041(EDC)	Y	Y	Y			Y	Y	Y	Y	Y			Y	Y		Y					Y
R2021042(STLD)	Y		Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		
R2021043(S&S)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y				
R2021044(RVSP)	Y			Y		Y		Y		Y	Y	Y		Y		Y	Y	Y			
R2031041(AICA)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	Y				
R2031042(EMWTL)	Y	Y					Y	Y	Y		Y	Y	Y	Y	Y		Y	Y			
R2031043(DC)	Y	Y	Y	Y		Y	Y	Y	Y	Y		Y	Y	Y	Y		Y		Y		Y
R2031044(AWP)	Y	Y			Y			Y	Y	Y	Y	Y	Y	Y							Y
R203105F(DS)	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y	Y
R204104A(OC)	Y	Y		Y				Y	Y		Y	Y	Y	Y	Y		Y				
R204104D(SC)	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y	Y			Y	Y	Y	Y	Y	Y	Y
R204104I(IOT)	Y	Y	Y	Y			Y	Y	Y		Y	Y	Y	Y	Y						Y
R204105S(CS)	Y	Y			Y	Y	Y		Y			Y	Y	Y	Y	Y	Y	Y	Y		
R204105Y(C&NS)	Y	Y	Y	Y	Y		Y	Y	Y		Y	Y	Y	Y	Y		Y				
R2041011(UHV)																					Y
TOTAL	15	12	9	10	9	8	11	9	15	9	11	12	12	13	6	15	7	1	0	1	2



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