

2.6.2 Attainment of POs and COs are evaluated by the institution

The assessment processes used to evaluate course outcome

The crucial aspects in Outcome-Based Education (OBE) are the assessment of course outcomes. The Course Outcomes (CO's) for each course are defined based on the Programme Outcome (PO's) and Program Specific Outcome (PSOs). At the end of the semester the COs needs to be assessed and evaluated, to check whether it has been attained or not for each course.

Assessment includes one or more processes which are carried out by the department. The process involves identifying, collecting and preparing data to evaluate the achievement of Course Outcomes, Programme Educational Objectives and Programme Outcomes.

Attainment is the act of achieving a standard result towards accomplishment of desired goals. Primarily attainment is the standard of academic attainment as observed by test or examination result. Attainment of the COs can be measured directly and indirectly.

Direct attainment basically displays the student's knowledge and skills from their performance. These methods provide a sampling of what students know and/or can do and provide strong evidence of student learning. It can be determined from the performance of the students in all the relevant assessment instruments.

Direct Assessment:

Tools: The evaluation process for computing the course outcomes is explained below. It is based on the results of: a. Internal (mid) Examinations b. External (University) Exam

- a. Internal Examination: The examination pattern prescribed by the university is strictly followed. Two internal (mid) exams- mid exam 1 & mid exam 2- are conducted in each semester. In each of the two exams, each student is evaluated for 30marks with the following split-up:
- b. Descriptive part - 20 marks Objective part - 10 marks The question papers are so set that a question relating to each of the course outcomes
 - ❖ Performance in Internal assessment-mid examinations
 - ❖ Performance in End Semester Examination
 - ❖ Laboratory (Internal and External assessment)
 - ❖ Project Evaluation (Internal and External assessment)

Indirect methods such as feedback on Cos to reflect on student's learning. They assess opinions or thoughts about the graduate's knowledge or skills in each course. Indirect measures can provide information about graduate's perception of their learning and how this learning is valued.

Indirect Assessment:

- ❖ Course exit survey

Kishmy

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandamoor Road,
Near Venkayapalli, KUSTHUBHOL-518 001

List and Description of Direct Assessment Methods			
Sl.No	Direct Assessment Method	Description	Frequency
1	Internal Assessment–MID examinations	This type of performance assessment is carried out during the internal examination sessions which are held twice a semester in accordance with the university calendar. Each and every sessional is focused on attaining the course outcomes. The internal are calculated as 80% of highest mid marks plus 20% of lowest mid marks.	Twice in a semester
2	Lab Internal Assessment	The Lab experiments address the COs of the respective Lab courses. During the Laboratory session, all the experiments are practically done using various equipment's and software to enrich their knowledge in various domains. This assessment is carried out in the day-to-day evaluation of student's performance in the laboratories with respect to conduct of various experiments. The students maintain the observation and record notebook for each Laboratory course which reflects their work during the laboratory session and verified by the respective subject handling staff. The parameters considered for assessment in the laboratory are Conduction, procedure and write up, Record writing and viva-voce.	Day to day evaluation

RSmy

PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula(V), Near Malkajgiri Road,
 Near Venkayapalli, KUMMUDI-518 011

3	Project Viva Voce (Internal Assessment)	Evaluation of the student based on the project work is also an important criterion for attainment of course outcomes. A rubric has also been employed in order to assess the students in terms of project work. Project work carried out by the student is evaluated by Project Guide along with project review committee. Students interact with the project guide periodically and the progress of the project is evaluated in two reviews.	Two reviews
4	Semester Examination - Theory (External Assessment)	Theory examination is focused on attainment of course outcomes through descriptive exams for the respective theory subjects.	End of every semester
5	Semester Examination- Laboratory (External Assessment)	Practical examination focuses on conduction of experiments and viva-voce for attaining their respective course outcomes.	End of every semester
6	Project (External Assessment)	The external assessment marks in the case of project viva voce in the final year shall be based on evaluation of presentation and project report by a committee comprising of internal and external examiner.	End of VIII semester
List and Description of Indirect Assessment Methods			
1	Course Exit Survey	Course exit survey assesses opinions or thoughts about the knowledge acquired by the students in respective theory courses.	End of each course

K. Srinivas

PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula(V), Narayanpet Road,
 Mgr Venkayapalli, KUPCOOL-518 007

The following are the attainment levels set by the department for various batches

For 2015 & 2016 batches

Attainment Levels set by the Department for Direct Survey:

- ❖ Attainment Level 1: If the percentage of course outcome attainment is in between 40% and 50%
- ❖ Attainment Level 2: If the percentage of course outcome attainment is in between 50% and 60 %
- ❖ Attainment Level 3: If the percentage of course outcome attainment is greater than or equal to 60%

Overall Attainment in Direct Survey:

- ❖ Weightage to University Examination: 70%
- ❖ Weightage to Internal Assessment: 30%

Attainment Levels set by the Department in Indirect Survey:

- ❖ Attainment Level 1: Less than 75% survey obtained from Students
- ❖ Attainment Level 2: Greater than 75% and less than 80% survey obtained from Students
- ❖ Attainment Level 3: Greater than 80% survey obtained from Students

Overall Attainment levels involving direct and indirect survey:

- ❖ Weightage to direct survey: 80%
- ❖ Weightage to indirect survey: 20%

Direct Assessment (Internal Examination and External Examination) and Indirect Assessment (Students Feedback) has been considered to evaluate Course Outcomes of all Courses based on the attainment levels. The attainment levels are set as follows:

2015 BATCH

Attainment Levels set by the Department for Direct Survey:

- ❖ Attainment Level 1: If the percentage of course outcome attainment is in between 40% and 50%
- ❖ Attainment Level 2: If the percentage of course outcome attainment is in between 50% and 60 %
- ❖ Attainment Level 3: If the percentage of course outcome attainment is greater than or equal to 60%

Attainment Levels set by the Department in Indirect Survey:

- ❖ Attainment Level 1: Less than 75% survey obtained from Students
- ❖ Attainment Level 2: Greater than 75% and less than 80% survey obtained from Students
- ❖ Attainment Level 3: Greater than 80% survey obtained from Students

K. Srinivas


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Narayanpet Road,
Near Venkayapalli, KUPPAJOL-518 003

Overall Attainment in Direct Survey:

- ❖ Weightage to University Examination: 70%
- ❖ Weightage to Internal Assessment: 30%

Overall Attainment levels involving direct and indirect survey:

- ❖ Weightage to direct survey: 80%
- ❖ Weightage to indirect survey: 20%


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Peechupala(V), Nanjunda Rao Road,
M. J. Venkayapalli, KUPPULU-501 202 B.P.

Program Level Course-PO & PSO matrix of all the Courses including First Year Courses
ELECTRONICS & COMMUNICATION ENGINEERING

S.No	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
1	Functional English				2	2		2		2	3	2	2	1	3
2	Mathematics – I	3	3	2									1	3	3
3	Computer Programming	3	3	3		3						3	1	3	3
4	Engineering Chemistry	3	3	3											
5	Environmental Studies	3	3	3			3	3	2				3		
6	English Language Communication Skills Lab						3	3		3	3	3		3	3
7	Engineering Chemistry Lab	3	3		2		3	3							
8	Computer Programming Lab	3	3	3		3						3	3	3	3
9	English for Professional Communication					2		2		2	3	2	2	1	3
10	Mathematics – II	3	3	1										3	3
11	Network Analysis	3	2	3										3	
12	Engineering Physics	3	2	3			1	1					2	2	
13	Engineering Drawing	3	1	2	1	3	3	2	1					1	1
14	Network Analysis Lab	3	3	3										3	3
15	Engineering Physics Lab	3	3				3					3	3	3	
16	Engineering and IT Workshop	3	3	1	2	1	3	3	2	1					
17	Mathematics-III	3	3	3	2									3	3
18	Electronic Devices and Circuits	3	3	3	3	2				3		3		3	3
19	Switching Theory and Logic Design	3	3	3		3								2	3
20	Signals and Systems	3	3	3	3	2						3	3	3	3
21	Probability Theory and Stochastic Processes	3	3	3		2	1							2	3
22	Electrical Technology	3	3	3	3			3				2	2	3	3
23	Electronic Devices and Circuits Laboratory	3	3	3	3	3						3	3	3	3

24	Electrical Technology and Basic Simulation	3	3	3	2	3					3	3	3	3	3
25	Mathematics-IV	3	3	3			1					2	1	3	3
26	Electronic Circuit Analysis	3	3	3		3						1		3	3
27	Analog Communication Systems	3	3	3	3	2	3	1	2			1	2	3	3
28	Electromagnetic Theory and Transmission Lines	3	3	3	1		2	3	1			2	2	2	3
29	Data Structures	3	3	3		3						3	3	2	3
30	Control Systems Engineering	3	3	3	3	2	3	1	2			1	2	3	3
31	Electronic Circuit Analysis Laboratory	3	3	3	3	3				3		3	3	2	3
32	Analog Communication Systems Laboratory	3	3	3						3		3	3	3	3
33	Computer Organization	3	3	3				1							3
34	Antennas and Wave Propagation	3	3	3	3	2	3	3				2	3	2	3
35	Digital Communication Systems	3	3	3	1	2							1	3	3
36	Linear Integrated Circuits and Applications	3	3	3	3					3		1	1	3	3
37	Digital System Design	3	3	3	1	3						3	3		3
38	Linux Programming & Scripting (MOOCS-I)	3	3	3		3	1	1		1		3	3	2	3
39	IC Applications Laboratory	3	3	3	2	3				1		3	3	3	3
40	Digital Communication Systems Laboratory	3	3	3		3				3		3	3	2	3
41	SOCIAL VALUES & ETHICS						3	3	3			3	3	2	3
42	Managerial Economics and Financial Analysis	3	3									3	3	3	3
43	Microprocessors & Microcontrollers	3	3	3	1	3						2	3	3	3
44	Electronic Measurements and Instrumentation	3	3	3	1	3	3	3				2	1	2	3
45	Digital Signal Processing	3	3	3	2	3	3	1				3	3	3	3
46	VLSI Design	3	3	3	2	3						2		2	3
47	Industrial Electronics (CBCC-I)	3	3	3	2	2						1	1	2	3
48	Microprocessors & Microcontrollers Laboratory	3	3	3									3	2	3
49	Digital Signal Processing Laboratory	3	3	3	1								3	2	3

	Advanced	English	Language	Communication																
50	Advanced	English	Language	Communication																
51	Optical Fiber Communication	3	3	3	3	3	1													
52	Embedded Systems	2	2	3	3	3	2													
53	Microwave Engineering	3	3	3	3	3	3													
54	Data Communications and Networking	3	3	3	3	3	1	1	1											
55	Radar Systems (CBCC-II)	3	3	3	3	3														
56	Digital Image Processing (CBCC-III)	3	3	3	3	2	3													
57	Cellular & Mobile Communication (CBCC-III)	3	3	3	3	1	1	3	1											
58	Microwave and Optical Communication Laboratory	3	3	3	3															
59	VLSI & Embedded Systems Laboratory	1		3	3	3														
60	Low Power VLSI Circuits & Systems (MOOCS-II)	3	3	3	2	3	1													
61	RF Integrated Circuits (MOOCS-III)	3	3	3	3			3												
62	Comprehensive Viva Voce	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
63	Technical Seminar	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
64	Project Work	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Kishmy

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupulati(V), Pasupulati, Guntur District,
Pin-522 301, Venkayapalli, G.L. No. 192-2010



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-I

Course Name: FUNCTIONAL ENGLISH: C101

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C101.1										3		2
C101.2							2			3		2
C101.3				2	2					3		2
C101.4				2	2					3		2
C101.5							2		2	3	2	
C101.6									2	3	2	2
C101				2	2		2		2	3	2	2

Course Name: MATHEMATICS-I: C102

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C102.1	3	3										1
C102.2	3	3	2									
C102.3	3	3	2									
C102.4	3	3										
C102.5	3	3										
C102.6	3	3										
C102	3	3	2									1

Course Name: COMPUTER PROGRAMMING: C103

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C103.1	3	3	3		3						3	
C103.2	3	3	3		3						3	
C103.3	3	3			3						3	
C103.4	3	3	3		3							2
C103.5	3	3	3		3							2
C103.6	3	3	3		3						3	2
C103	3	3	3		3						3	2

Course Name: ENGINEERING PHYSICS : C104

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C104.1	3											2
C104.2	3	2										
C104.3	3		3									
C104.4	3	2										
C104.5	3					1						
C104.6	3					1	1					2
C104	3	2	3			1	1					2

CTB
NOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

K. Srinivas
PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula V, Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENGINEERING DRAWING: C105

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C105.1	3		3									
C105.2	3	2	3									
C105.3	3		3									
C105.4	3	2	3									
C105.5	3		3									
C105.6	3		3									
C105	3	2	3									

Course Name: ENGLISH LANGUAGE COMMUNICATION SKILLS LAB: C106

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C106.1						3			3	3	3	
C106.2						3	3		3		3	
C106.3						3					3	
C106.4						3	3		3	3	3	
C106.5						3	3		3	3		
C106.6						3	3		3	3	3	
C106						3	3		3	3	3	

Course Name: ENGINEERING PHYSICS LAB: C107

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C107.1	3	3				3					3	3
C107.2	3	3				3					3	3
C107.3	3	3				3					3	3
C107.4	3	3				3					3	3
C107.5	3	3				3					3	3
C107.6	3	3				3					3	3
C107	3	3				3					3	3

Course Name: COMPUTER PROGRAMMING LAB: C108

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C108.1	2	3										
C108.2	2	3	3									
C108.3		3	3									
C108.4		3	3									
C108.5		3	3									
C108.6		3	3									
C108	2	3	3									

HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

Kishu

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, KURNOOL-518 005



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-II

Course Name: ENGLISH FOR PROFESSIONAL COMMUNICATION: C109

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C109.1										3		2
C109.2							2			3		2
C109.3					2					3		2
C109.4					2					3		2
C109.5							2		2	3	2	
C109.6									2	3	2	2
C109					2		2		2	3	2	2

Course Name: MATHEMATICS II: C110

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C110.1	3	3										
C110.2	3	3	1									
C110.3	3	3										
C110.4	3	3										
C110.5	3	3										
C110.6	3	3										
C110	3	3	1									

Course Name: DATA STRUCTURES: C111

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C111.1	3			2								
C111.2	3	1										
C111.3	3		1	2	1							
C111.4	3		1		1							
C111.5	3											
C111.6	3			2								
C111	3	1	1	2	1							

Course Name: ENGINEERING CHEMISTRY: C112

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C112.1	3		3									
C112.2	3	3	3									
C112.3	3	3										
C112.4	3	3	3									
C112.5	3	3										
C112.6	3		3									
C112	3	3	3									

[Signature]
HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

[Signature]
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool-518 001



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENVIRONMENTAL STUDIES: C113

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C113.1	3		3			3						3
C113.2	3	3				3						
C113.3	3		3			3	3	2				
C113.4	3		3			3	3	2				3
C113.5	3	3				3	3					
C113.6	3	3	3									3
C113	3	3	3			3	3	2				3

Course Name: DATA STRUCTURES LAB: C114

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C114.1	1	3										
C114.2	1	3	2									
C114.3		3	2	2								
C114.4		3	2	2								
C114.5		3	2	2								
C114.6		3	2	2								
C114	1	3	2	2								

Course Name: ENGINEERING CHEMISTRY LAB: C115

Year of Study: 2015-16/2016-17/2017-18

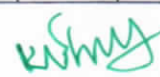
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C115.1	1	3				3						
C115.2	1			2		3						
C115.3	1	3		2		3						
C115.4	1					3	3					
C115.5	1	3				3	3					
C115.6	1	3				3	3					
C115	1	3		2		3	3					

Course Name: ENGINEERING AND IT WORKSHOP: C116

Year of Study: 2015-16/2016-17/2017-18

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C116.1	3	3			2							
C116.2	3	3			2							
C116.3	3				2		2					
C116.4	3	3			2		2					
C116.5	3				2							
C116.6	3											
C116	3	3			2		2					


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pastor's Office, Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh

Head of Department
Computer Science & Engineering
Ravindra College of Engineering for Women



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II-I

Course Name: MATHEMATICS III : C201

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C201.1	3											3
C201.2	3	1										3
C201.3	3											3
C201.4	3											3
C201.5	3		1									3
C201.6	3											3
C201	3	1	1									3

Course Name: DATABASE MANAGEMENT SYSTEM : C202

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C202.1	3		3									
C202.2	3	1										
C202.3	3		3									
C202.4	3											
C202.5	3											
C202.6	3											
C202	3	1	3									

Course Name: DISCRETE MATHEMATICS : C203

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C203.1	3	3	3									3
C203.2	3	3	3									3
C203.3	3	3	3									3
C203.4	3	3	3									3
C203.5	3	3	3									3
C203.6	3	3										3
C203	3	3	3									3

Course Name: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING : C204

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C204.1	3	3										
C204.2	3	3	3									
C204.3	3	3	3									
C204.4	3	3	3									
C204.5	3	3	3									
C204.6		3	3									
C204	3	3	3									


HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNUL.


PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNUL-518 001



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DIGITAL LOGIC DESIGN : C205

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C205.1	3	3	3	3	3						3	3
C205.2	3	3	3	3	3						3	
C205.3	3	3	3	3	3						3	3
C205.4	3	3	3	3	3						3	3
C205.5	3	3	3	3	3				2		3	3
C205.6	3	3	3	3					2		3	3
C205	3	3	3	3	3				2		3	3

Course Name: MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS : C206

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C206.1	1	2	3	1	1	1						
C206.2		2	3	1	1	1						
C206.3												
C206.4			3					3				
C206.5								3			2	
C206.6								3			2	
C206	1	2	3	1	1	1		3			2	

Course Name: DATABASE MANAGEMENT SYSTEM LAB : C207

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C207.1	3				3							
C207.2	3	3										
C207.3	3	3			3							
C207.4	3	3			3							
C207.5	3	3			3							
C207.6	3	3			3							
C207	3	3			3							

Course Name: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB : C208

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C208.1	3	2										
C208.2	3	2										
C208.3	3		2									
C208.4	3		2									
C208.5	3		2									
C208.6	3											
C208	3	2	2									

HOD

Head of Department

Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

Kishu

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula Village, Nandikotkur Road,
Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II-II

Course Name: PROBABILITY AND STATISTICS : C209

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C209.1	3	3			3							3
C209.2	3	3			3							3
C209.3	3	3			3							3
C209.4	3	3			3							3
C209.5	3	3			3							3
C209.6	3	3			3							3
C209	3	3			3							3

Course Name: SOFTWARE ENGINEERING : C210

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C210.1	3	3	3	3	1						3	3
C210.2	3	3	3	3	1						3	3
C210.3	3	3	3	3								
C210.4	3	3	3									
C210.5	3	3	3	3							3	3
C210.6	3	3	3	3							3	
C210	3	3	3	3	1						3	3

Course Name: COMPUTER ORGANIZATION : C211

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C211.1	3	3	3	3	3						3	3
C211.2	3	3	3	3							3	
C211.3	3	3	3	3	3						3	3
C211.4	3	3	3	3	3						3	3
C211.5	3	3	3	3	3						3	3
C211.6	3	3	3	3	3						3	3
C211	3	3	3	3	3						3	3

Course Name: MICROPROCESSORS AND INTERFACING : C212

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C212.1	3			3	3							
C212.2	3		3		3	3	3					
C212.3	3	3			3							
C212.4	3		3		3	3	3					
C212.5	3	3	3	3	3							
C212.6	3	3	3	3	3	3	3					
C212	3	3	3	3	3	3	3					

[Signature]
HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women

[Signature]

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Near Venkayapalle, Pasupula Village, Nandikotkur Road,
Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA : C213

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C213.1	2	3	3									
C213.2	2	3	3									
C213.3		3	3									
C213.4		3	3									
C213.5		3	3									
C213.6		3	3									
C213	2	3	3									

Course Name: FORMAL LANGUAGES AND AUTOMATA THEORY : C214

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C214.1	3	3	3		3						3	3
C214.2	3	3	3		3							3
C214.3	3	3			3						3	
C214.4	3	3	3		3						3	
C214.5	3	3	3		3							3
C214.6	3	3	3	1	3						3	3
C214	3	3	3	1	3						3	3

Course Name: MICROPROCESSORS AND INTERFACING LABORATORY : C215

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C215.1	3			3	3							
C215.2	3		3		3	3	3					
C215.3	3		3		3	3	3					
C215.4	3	3			3							
C215.5	3	3	3	3	3							
C215.6	3	3	3	3	3	3	3					
C215	3	3	3	3	3	3	3					

Course Name: JAVA PROGRAMMING LABORATORY : C216

Year of Study: 2016-17/2017-18/2018-19

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C216.1	1	3	3									
C216.2		3	3									
C216.3		3	3									
C216.4		3	3									
C216.5		3	3									
C216.6		3	3									
C216	1	3	3									


HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL

Kishu
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

III-I

Course Name: OPERATING SYSTEM : C301

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C301.1	3	3	3									3
C301.2	3	3	3									3
C301.3	3	3	3									
C301.4	3	3	3									3
C301.5	3	3	3									3
C301.6	3	3	3									
C301	3	3	3									3

Course Name: COMPUTER NETWORKS : C302

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C302.1	3	3	3	3	3					3	3	3
C302.2	3	3	3	3	3						3	3
C302.3	3	3	3	3	3					3	3	3
C302.4	3	3	3	3	3					3		3
C302.5	3	3	3	3	3					3		3
C302.6	3	3	3		3					3	3	3
C302	3	3	3	3	3					3	3	3

Course Name: OBJECT ORIENTED ANALYSIS & DESIGN : C303

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C303.1	3			3								
C303.2	3	3										
C303.3	3	3			3							
C303.4	3				3							
C303.5	3	3										
C303.6	3	3		3	3							
C303	3	3		3	3							

Course Name: PRINCIPLES OF PROGRAMMING LANGUAGE : C304

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C304.1	3	3										
C304.2	3	3	3									
C304.3	3	3	3									
C304.4	3	3	3									
C304.5	3	3	3									
C304.6	3	3	3									
C304	3	3	3									

HOD

Head of Department

Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

K. Srinivas
PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Nandikotkur Road, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: SOFTWARE TESTING : C305

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C305.1	3	3	2									
C305.2	3	3	2									
C305.3	3	3		3								
C305.4	3	3		3								
C305.5	3	3		3	2							
C305.6	3	3			2							
C305	3	3	2	3	2							

Course Name: R PROGRAMMING : C307

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C307.1	3		3	3	3							
C307.2	3	3	3	3	3	3						
C307.3	3	3	3	3	3	3	2					
C307.4	3	3	3	3	3	3		1		3	1	
C307.5	3	3	3	3	3	3	2			3		2
C307.6	3	3	3	3	3	3				3		2
C307	3	3	3	3	3	3	2	1		3	1	2

Course Name: OBJECT ORIENTED ANALYSIS AND DESIGN & SOFTWARE TESTING LABORATORY : C309

Year of Study: 2017-18/2018-19/2019-20

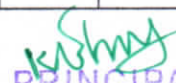
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C309.1	3				3							
C309.2	3				3							
C309.3	3											
C309.4	3											
C309.5	3				3							
C309.6	3				3							
C309	3				3							

Course Name: OPERATING SYSTEM LABORATORY : C310

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C310.1	3				3							
C310.2	3				3							
C310.3	3				3							
C310.4	3				3							
C310.5	3				3							
C310.6	3				3							
C310	3				3							

HOD


 PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road,
 Kurnool - 518452, Andhra Pradesh

Head of Department
 Computer Science & Engineering
 Ravindra College of Engineering for Women



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: SOCIAL VALUES & ETHICS : C311

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C311.1						3	3	3			3	3
C311.2						3	3	3			3	3
C311.3						3	3	3			3	3
C311.4						3	3	3			3	3
C311.5						3	3	3			3	3
C311.6						3	3	3			3	3
C311						3	3	3			3	3

III-II

Course Name: COMPILER DESGN: C312

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C312.1	3	3	3									3
C312.2	3	3	3									3
C312.3	3	3	3									3
C312.4	3	3	3									3
C312.5	3	3	3									3
C312.6	3	3	3									3
C312	3	3	3									3

Course Name: DATA WAREHOUSING AND MINING: C313

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C313.1	3		3								3	3
C313.2	3											3
C313.3	3	3	3									3
C313.4	3	3	3								3	3
C313.5	3	3									3	3
C313.6	3	3									3	3
C313	3	3	3								3	3

Course Name: DESIGN PATTERNS : C314

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C314.1	3	3	3								3	3
C314.2	3	3	3								3	3
C314.3	3	3	3								3	3
C314.4	3	3	3									3
C314.5	3	3	3								3	3
C314.6	3	3	3									3
C314	3	3	3								3	3

[Signature]
HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

[Signature]

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DESIGN AND ANALYSIS OF ALGORITHMS : C315

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C315.1	3	3										3
C315.2	3	3	3								3	3
C315.3	3	3	3								3	3
C315.4	3	3	3	1							3	3
C315.5	3	3										3
C315.6	3	3										3
C315	3	3	3	1							3	3

Course Name: WEB AND INTERNET TECHNOLOGIES : C316

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C316.1	3	3	3									
C316.2	3	3	3									
C316.3	3	3	3									
C316.4		3	3									
C316.5		3	3									
C316.6		3	3									
C316	3	3	3									

Course Name: INTELLECTUAL PROPERTY RIGHTS : C320

Year of Study: 2017-18/2018-19/2019-20


	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C320.1									3	3	3	3
C320.2									3	3		3
C320.3											3	3
C320.4								1	3	3	3	3
C320.5									3			3
C320.6									3	3	3	3
C320								1	3	3	3	3

Course Name: WEB AND INTERNET TECHNOLOGIES LABORATORY : C321

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C321.1		3										
C321.2		3	3		3							
C321.3		3	3									
C321.4		3	3									
C321.5		3	3		3							
C321.6		3	3		3							
C321		3	3		3							


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DATA WAREHOUSING & MINING LABORATORY : C322

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C322.1	3				3							
C322.2	3				3							
C322.3	3				3							
C322.4	3				3							
C322.5	3				3							
C322.6	3				3							
C322	3				3							

Course Name: ADVANCED ENGLISH LANGUAGE COMMUNICATION SKILLS LABORATORY (AUDIT COURSE) : C323

Year of Study: 2017-18/2018-19/2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C323.1						3	3	3		3	3	3
C323.2						3	3	3		3	3	3
C323.3						3	3	3		3	3	3
C323.4						3	3	3		3	3	3
C323.5						3	3	3		3	3	3
C323.6						3	3	3		3	3	3
C323						3	3	3		3	3	3

IV-I

Course Name: MANAGEMENT SCIENCE : C401

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C401.1									3	3	3	3
C401.2									3	3		3
C401.3											3	3
C401.4								1	3	3	3	3
C401.5									3			3
C401.6									3	3	3	3
C401								1	3	3	3	3

Course Name: GRID & CLOUD COMPUTING: C402

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C402.1	3	3	3	3								3
C402.2	3	3	3	3								3
C402.3	3	3	3	3	3							3
C402.4	3	3	3	3	3							3
C402.5	3	3	3	3	3							3
C402.6	3	3	3	3								3
C402	3	3	3	3								3

Head of Department
HOD
Computer Science & Engineering
Ravindra College of Engineering for Women

K. S. M. A.
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: INFORMATION SECURITY : C403

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C403.1	3	3										3
C403.2	3	3	2								2	3
C403.3	3	3	2								2	3
C403.4	3	3										3
C403.5	3	3		2								3
C403.6	3	3		2								3
C403	3	3	2	2							2	3

Course Name: MOBILE APPLICATION DEVELOPMENT: C404

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C404.1	3	3	3	3	3							
C404.2	3	3		3	3				3			
C404.3	3	3	3	3	3	3		3			2	
C404.4	3	3	3	3	3	3		3	3	1		
C404.5	3	3		3	3	3			3			
C404.6	3	3	3		3	3	1	3			2	1
C404	3	3	3	3	3	3	1	3	3			

Course Name: SOFTWARE ARCHITECTURE: C405

Year of Study: 2018-19/2019-20/2020-21

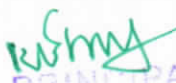
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C405.1	3	3	3	1								3
C405.2	3	3	3									3
C405.3	3	3	3							2		3
C405.4	3	3	3						1		3	3
C405.5	3	3									3	3
C405.6	3	3	3							2	3	3
C405	3	3	3	1					1	2	3	3

Course Name: SOFTWARE PROJECT MANAGEMENT : C408

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C408.1	3	3	3	3	3				3	3	3	3
C408.2	3	3	3	3	3				3	3	3	3
C408.3	3	3	3	3	3				3	3	3	3
C408.4	3	3	3	3	3					3	3	3
C408.5	3	3	3	3	3						3	3
C408.6	3	3	3	3					3		3	
C408												

HOD


 PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula(V), Nandikotkur Road,
 Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: GRID & CLOUD COMPUTING LABORATORY : C411

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C411.1	3				3							
C411.2	3				3							
C411.3	3				3							
C411.4	3				3							
C411.5	3				3							
C411.6	3				3							
C411	3				3							

Course Name: MOBILE APPLICATION DEVELOPMENT LABORATORY : C412

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C412.1	3	3	3		3	2	2			3		
C412.2	3	3	3		3				3		2	3
C412.3		3	3						3			3
C412.4									3			3
C412.5									3			3
C412.6	3	3	3		3				3	3		3
C412	3	3	3		3				3	3		3

IV-II

Course Name: MOBILE COMPUTING : C414

Year of Study: 2018-19/2019-20/2020-21

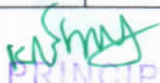
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C414.1	3	2	3									3
C414.2	3		3									3
C414.3	3	2	3									3
C414.4			3									
C414.5	3		3							2		3
C414.6		2										3
C414	3	2	3							2		3

Course Name: ENABLING TECHNOLOGIES FOR DATA SCIENCE & ANALYTICS: IoT: C417

Year of Study: 2018-19/2019-20/2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C417.1	3	3	3									3
C417.2	3	3	3									3
C417.3	3	3	3							3		3
C417.4	3	3	3							3		
C417.5	3	3	3								1	3
C417.6	3	3								3		
C417	3	3	3							3	1	3

HOD


 PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road,
 Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-I

Course Name: FUNCTIONAL ENGLISH: C101

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C101.1		
C101.2		3
C101.3		
C101.4	1	
C101.5		3
C101.6		3
C101	1	3

Course Name: MATHEMATICS-I: C102

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C102.1		
C102.2		
C102.3		
C102.4		
C102.5		
C102.6		
C102		

Course Name: COMPUTER PROGRAMMING: C103

Year of Study: 2015-16/2016-17/2017-18


	PSO-1	PSO-2
C103.1	3	3
C103.2	3	3
C103.3	3	3
C103.4	3	
C103.5	3	3
C103.6	3	3
C103	3	3

Course Name: ENGINEERING PHYSICS : C104

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C104.1		
C104.2	2	
C104.3		
C104.4		
C104.5		
C104.6	2	
C104	2	

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
Kurnool
2015-16


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh
Ph: 0864-2550001, 2550002



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENGINEERING DRAWING: C105

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C105.1		
C105.2		
C105.3		
C105.4		
C105.5		
C105.6		
C105		

Course Name: ENGLISH LANGUAGE COMMUNICATION SKILLS LAB: C106

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C106.1		
C106.2		
C106.3		
C106.4		
C106.5		
C106.6		
C106		

Course Name: ENGINEERING PHYSICS LAB: C107

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C107.1	3	
C107.2		
C107.3	3	
C107.4	3	
C107.5		
C107.6		
C107	3	

Course Name: COMPUTER PROGRAMMING LAB: C108

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C108.1	2	
C108.2	2	
C108.3	2	
C108.4		1
C108.5		
C108.6		
C108	2	1


HOD

of Department

of Computer Science and Engineering

Ravindra College of Engineering for Women

Near Venkayapalle, Pasupula Village,

Nandikotkur Road, Kurnool - 518452

Andhra Pradesh - India



PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452

Andhra Pradesh - India



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-II

Course Name: ENGLISH FOR PROFESSIONAL COMMUNICATION: C109

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C109.1		
C109.2		3
C109.3		
C109.4	1	
C109.5		3
C109.6		3
C109	1	3

Course Name: MATHEMATICS II: C110

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C110.1		
C110.2		
C110.3		
C110.4		
C110.5		
C110.6		
C110		

Course Name: DATA STRUCTURES: C111

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C111.1		3
C111.2		3
C111.3	1	3
C111.4	1	3
C111.5		
C111.6		
C111		3

Course Name: ENGINEERING CHEMISTRY: C112

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C112.1		
C112.2		
C112.3		
C112.4		
C112.5		
C112.6		
C112		

HOD

K. Srinivas
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENVIRONMENTAL STUDIES: C113

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C113.1		
C113.2		
C113.3		
C113.4		
C113.5		
C113.6		
C113		

Course Name: DATA STRUCTURES LAB: C114

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C114.1	2	
C114.2	2	
C114.3	2	
C114.4		1
C114.5		
C114.6		
C114	2	1

Course Name: ENGINEERING CHEMISTRY LAB: C115

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C115.1		
C115.2		
C115.3		
C115.4		
C115.5		
C115.6		
C115		

Course Name: ENGINEERING AND IT WORKSHOP: C116

Year of Study: 2015-16/2016-17/2017-18

	PSO-1	PSO-2
C116.1		
C116.2		
C116.3		
C116.4		
C116.5		
C116.6		
C116		

HOD

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

K. Srinivas

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool, AP-518 001



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II-I

Course Name: MATHEMATICS III : C201

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C201.1		3
C201.2		3
C201.3		3
C201.4		3
C201.5		3
C201.6		3
C201		3

Course Name: DATABASE MANAGEMENT SYSTEM : C202

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C202.1	3	3
C202.2		3
C202.3	3	3
C202.4		3
C202.5		3
C202.6		3
C202	3	3

Course Name: DISCRETE MATHEMATICS : C203

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C203.1	3	
C203.2	3	3
C203.3	3	
C203.4	3	
C203.5	3	3
C203.6		3
C203	3	3

Course Name: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING : C204

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C204.1	3	
C204.2	3	
C204.3	3	
C204.4	3	
C204.5		
C204.6		
C204	3	

HOD

Rishma

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DIGITAL LOGIC DESIGN : C205

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C205.1	3	3
C205.2	3	3
C205.3	3	3
C205.4	3	3
C205.5	3	3
C205.6	3	3
C205	3	3

Course Name: MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS : C206

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C206.1	1	1
C206.2	1	1
C206.3		
C206.4		
C206.5		
C206.6		
C206	1	1

Course Name: DATABASE MANAGEMENT SYSTEM LAB : C207

Year of Study: 2016-17/2017-18/2018-19


	PSO-1	PSO-2
C207.1	3	3
C207.2	3	3
C207.3		3
C207.4	3	3
C207.5	3	3
C207.6		3
C207	3	3

Course Name: BASIC ELECTRICAL AND ELECTRONICS ENGINEERING LAB : C208

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C208.1		
C208.2		
C208.3		
C208.4		
C208.5		
C208.6		
C208		


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool-518 002



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

II-II

Course Name: PROBABILITY AND STATISTICS : C209

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C209.1	3	3
C209.2	3	3
C209.3	3	3
C209.4	3	3
C209.5	3	3
C209.6	3	3
C209	3	3

Course Name: SOFTWARE ENGINEERING : C210

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C210.1	3	3
C210.2	3	3
C210.3	3	3
C210.4		
C210.5	3	3
C210.6	3	3
C210	3	3

Course Name: COMPUTER ORGANIZATION : C211

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C211.1	3	3
C211.2	3	3
C211.3	3	3
C211.4	3	3
C211.5	3	3
C211.6	3	3
C211	3	3

Course Name: MICROPROCESSORS AND INTERFACING : C212

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C212.1	3	
C212.2	3	3
C212.3	3	
C212.4	3	3
C212.5	3	3
C212.6	3	3
C212	3	3

Kishu
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, KURNOOL-518 0

Head of Department
HOD
Computer Science & Engineering
Department for Women



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA : C213

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C213.1	3	
C213.2	3	
C213.3	3	3
C213.4	3	3
C213.5	3	3
C213.6	3	3
C213	3	3

Course Name: FORMAL LANGUAGES AND AUTOMATA THEORY : C214

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C214.1	3	
C214.2	3	3
C214.3	3	
C214.4	3	
C214.5	3	3
C214.6	3	3
C214	3	3

Course Name: MICROPROCESSORS AND INTERFACING LABORATORY : C215

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C215.1	3	
C215.2	3	3
C215.3	3	3
C215.4	3	
C215.5	3	3
C215.6	3	3
C215	3	3

Course Name: JAVA PROGRAMMING LABORATORY : C216

Year of Study: 2016-17/2017-18/2018-19

	PSO-1	PSO-2
C216.1	3	
C216.2	3	
C216.3	3	2
C216.4	3	
C216.5	3	
C216.6	3	2
C216	3	2

HOD

K. Srinivas
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

III-I

Course Name: OPERATING SYSTEM : C301

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C301.1	3	3
C301.2	3	3
C301.3	3	3
C301.4	3	3
C301.5	3	3
C301.6	3	3
C301	3	3

Course Name: COMPUTER NETWORKS : C302

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C302.1	3	3
C302.2	3	3
C302.3	3	3
C302.4	3	3
C302.5	3	3
C302.6		
C302	3	3

Course Name: OBJECT ORIENTED ANALYSIS & DESIGN : C303

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C303.1	3	
C303.2	3	
C303.3	3	
C303.4	3	
C303.5	3	3
C303.6		3
C303	3	3

Course Name: PRINCIPLES OF PROGRAMMING LANGUAGE : C304

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C304.1	3	3
C304.2	3	3
C304.3	3	3
C304.4	3	3
C304.5	3	3
C304.6	3	3
C304	3	3

HOD

Rishma
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452

Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: SOFTWARE TESTING : C305

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C305.1	3	
C305.2	3	3
C305.3	3	
C305.4	3	3
C305.5	3	
C305.6		3
C305	3	3

Course Name: R PROGRAMMING : C307

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C307.1	3	
C307.2	3	3
C307.3	3	3
C307.4	3	3
C307.5	3	3
C307.6	3	3
C307	3	3

Course Name: OBJECT ORIENTED ANALYSIS AND DESIGN & SOFTWARE TESTING LABORATORY : C309

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C309.1	3	
C309.2	3	
C309.3		3
C309.4		3
C309.5	3	
C309.6	3	3
C309	3	3

Course Name: OPERATING SYSTEM LABORATORY : C310

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C310.1	3	3
C310.2	3	3
C310.3	3	3
C310.4	3	3
C310.5	3	3
C310.6	3	3
C310	3	3

[Signature]
HOD

Head of Department

Computer Science & Engineering

Ravindra College of Engg. for Women

KURNOOL

[Signature]
PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: SOCIAL VALUES & ETHICS : C311

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C311.1		3
C311.2		3
C311.3		3
C311.4		3
C311.5		3
C311.6		3
C311		3

III-II

Course Name: COMPILER DESIGN: C312

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C312.1	3	3
C312.2	3	3
C312.3	3	3
C312.4	3	3
C312.5	3	3
C312.6	3	3
C312	3	3

Course Name: DATA WAREHOUSING AND MINING: C313

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C313.1	3	3
C313.2		3
C313.3	3	3
C313.4	3	3
C313.5		3
C313.6		3
C313	3	3

Course Name: DESIGN PATTERNS : C314

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C314.1	3	3
C314.2	3	3
C314.3	3	3
C314.4	3	3
C314.5	3	3
C314.6		
C314	3	3


HOD

Department

Computer Science Engineering

Ravindra College of Engineering for Women



PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DESIGN AND ANALYSIS OF ALGORITHMS : C315

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C315.1	3	3
C315.2	3	3
C315.3	3	3
C315.4	3	3
C315.5	3	3
C315.6	3	3
C315	3	3

Course Name: WEB AND INTERNET TECHNOLOGIES : C316

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C316.1	3	
C316.2	3	
C316.3	3	3
C316.4	3	3
C316.5	3	3
C316.6	3	3
C316	3	3

Course Name: INTELLECTUAL PROPERTY RIGHTS : C320

Year of Study: 2017-18/2018-19/2019-20


	PSO-1	PSO-2
C320.1	3	3
C320.2	3	3
C320.3		3
C320.4		
C320.5		3
C320.6		3
C320	3	3

Course Name: WEB AND INTERNET TECHNOLOGIES LABORATORY : C321

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C321.1	3	
C321.2	3	3
C321.3	3	3
C321.4	3	
C321.5	3	
C321.6	3	
C321	3	3


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DATA WAREHOUSING & MINING LABORATORY : C322

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C322.1	3	3
C322.2	3	3
C322.3	3	3
C322.4	3	3
C322.5	3	3
C322.6	3	3
C322	3	3

Course Name: ADVANCED ENGLISH LANGUAGE COMMUNICATION SKILLS LABORATORY (AUDIT COURSE) : C323

Year of Study: 2017-18/2018-19/2019-20

	PSO-1	PSO-2
C323.1		
C323.2		
C323.3		
C323.4		
C323.5		
C323.6		
C323		

IV-I

Course Name: MANAGEMENT SCIENCE : C401

Year of Study: 2018-19/2019-20/2020-21


	PSO-1	PSO-2
C401.1		
C401.2	3	
C401.3		2
C401.4	3	2
C401.5		
C401.6		
C401	3	2

Course Name: GRID & CLOUD COMPUTING: C402

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C402.1		3
C402.2		3
C402.3	2	3
C402.4		3
C402.5	2	3
C402.6		3
C402		3


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, KURNOOL-518 001



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: INFORMATION SECURITY : C403

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C403.1	3	
C403.2	3	3
C403.3	3	3
C403.4	3	3
C403.5	3	
C403.6	3	
C403	3	3

Course Name: MOBILE APPLICATION DEVELOPMENT: C404

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C404.1	3	3
C404.2	3	3
C404.3	3	3
C404.4	3	3
C404.5	3	3
C404.6	3	3
C404	3	3

Course Name: SOFTWARE ARCHITECTURE: C405

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C405.1	3	
C405.2	3	3
C405.3	3	
C405.4	3	
C405.5	3	3
C405.6	3	3
C405	3	3

Course Name: SOFTWARE PROJECT MANAGEMENT : C408

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C408.1	3	3
C408.2		
C408.3	3	3
C408.4		
C408.5		
C408.6	3	3
C408	3	3


HOD



PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: GRID & CLOUD COMPUTING LABORATORY : C411

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C411.1	3	
C411.2	3	
C411.3	3	
C411.4	3	
C411.5	3	
C411.6	3	
C411	3	

Course Name: MOBILE APPLICATION DEVELOPMENT LABORATORY : C412

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C412.1		
C412.2		
C412.3		
C412.4		
C412.5		
C412.6		
C412		

IV-II

Course Name: MOBILE COMPUTING : C414

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C414.1	3	
C414.2	3	3
C414.3	3	3
C414.4	3	3
C414.5	3	3
C414.6		3
C414	3	3

Course Name: ENABLING TECHNOLOGIES FOR DATA SCIENCE & ANALYTICS IOT: C417

Year of Study: 2018-19/2019-20/2020-21

	PSO-1	PSO-2
C417.1	3	
C417.2	3	3
C417.3	3	
C417.4	3	
C417.5	3	
C417.6		3
C417	3	2

HOD Department
Computer Science & Engineering
Ravindra College of Engineering for Women

Kishu
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-I

Course Name: ALGEBRA CALCULUS: C101

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C101.1	3	3										
C101.2	3	3										
C101.3	3	3										
C101.4	3	3										
C101.5	3	3										
C101.6	3	3										
C101	3	3										

Course Name: CHEMISTRY: C102

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C102.1	3	3				3						
C102.2	3	3				3						
C102.3	3	3	3				3					
C102.4	3	3	3				3					
C102.5	3	3					3					
C102.6	3		3			3						
C102												

Course Name: PROBLEM SOLVING AND PROGRAMMING: C103

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C103.1	3	3	3		3						3	
C103.2	3	3	3	3	3						3	
C103.3	3	3		3	3						3	
C103.4	3	3	3	3	3							3
C103.5	3	3	3		3							3
C103.6	3	3	3	3	3						3	3
C103												

Course Name: ENGINEERING GRAPHICS LAB : C104

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C104.1	3	3										
C104.2	3	3										
C104.3	3	3										
C104.4	3	3	1									
C104.5												
C104.6												
C104	3	3	1									

Rajini

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING

HOD



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENGINEERING WORKSHOP: C105

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C105.1	3	3										
C105.2	3	3										
C105.3	3					2						
C105.4	3	3				2						
C105.5	3											
C105.6	3	3										
C105	3	3				2						

Course Name: CHEMISTRY LAB: C106

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C106.1	3	3				3						
C106.2	3			2		3						
C106.3	3	3		2		3						
C106.4	3					3	3					
C106.5	3	3				3	3					
C106.6	3	3				3	3					
C106	3	3		2		3	3					

Course Name: PROBLEM SOLVING AND PROGRAMMING LAB: C107

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C107.1	3	3	3		3						3	
C107.2	3	3	3	3	3						3	
C107.3	3	3		3	3						3	
C107.4	3	3	3	3	3							3
C107.5	3	3	3		3							3
C107.6	3	3	3	3	3						3	3
C107	3	3	3	3	3						3	3

I-II

Course Name: BASIC ELECTRICAL & ELECTRONICS ENGINEERING: C108

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C108.1	2	3										
C108.2	2	3										
C108.3		3	3									1
C108.4		3	3		2							
C108.5		3	3		2							
C108.6		3	3								1	1
C108	2	3	3		3						1	1

R. Srinivas

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

HOD



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: PROBABILITY & STATISTICS: C109

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C109.1	3	3										
C109.2	3	3										
C109.3	3	3										
C109.4	3	3										
C109.5	3	3										
C109.6	3	3										
C109	3	3										

Course Name: APPLIED PHYSICS: C110

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C110.1	3											2
C110.2	3	2										
C110.3	3		3									
C110.4	3	2										
C110.5	3					1						
C110.6	3					1	1					2
C110	3	2	3			1	1					2

Course Name: DATA STRUCTURES: C111

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C111.1	3	3										
C111.2	3	3										
C111.3	3	3	2	1								2
C111.4	3	3										
C111.5	3	3	2									2
C111.6	3	3										
C111	3	3	2	1								2

Course Name: COMMUNICATIVE ENGLISH -I: C112

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C112.1							2			3		1
C112.2		2								3		
C112.3						1				3		
C112.4		2								3		
C112.5							2			3		
C112.6									1	3	1	
C112		2				1	2		1	3	1	1

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
Kurnool

K. Srinivas
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Kurnool



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: COMPUTER SCIENCE & ENGINEERING WORKSHOP: C113

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C113.1	3	3	3									3
C113.2	3	3	3								3	3
C113.3	3	3	3									3
C113.4	3	3	3								3	3
C113.5	3	3	3									3
C113.6		3	3								3	3
C113	3	3	3								3	3

Course Name: COMMUNICATIVE ENGLISH LAB-I: C114

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C114.1										3		
C114.2				1						3	3	
C114.3										3		
C114.4									3	3		
C114.5									3	3	3	
C114.6									3	3	3	
C114				1					3	3	3	

Course Name: BASIC ELECTRICAL & ELECTRONICS ENGINEERING LAB: C115

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C115.1	3	3	3									
C115.2		3	3									
C115.3	3	3	3		3							
C115.4		3	3									
C115.5	3	3	3		3							
C115.6	3	3	3		3							
C115	3	3	3		3							

Course Name: APPLIED PHYSICS LAB: C116

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C116.1	3	3				3					3	3
C116.2	3	3				3					3	3
C116.3	3	3				3					3	3
C116.4	3	3				3					3	3
C116.5	3	3				3					3	3
C116.6	3	3				3					3	3
C116	3	3				3					3	3

HOD

Kushmy
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DATA STRUCTURES LAB : C117

Year of Study: 2019-20

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C117.1	3	3			3							
C117.2	3		3		3							
C117.3	3	3	3	3	3							
C117.4	3	3	3	3	3							
C117.5	3	3	3	3	3							
C117.6	3				3							
C117	3	3	3	3	3							

II-I

Course Name: MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE : C201

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C201.1	3			2								
C201.2	3	3										
C201.3	3	3			3							
C201.4	3				3							
C201.5	3	3										
C201.6	3	3		2	3							
C201	3	3		2	3							

Course Name: DIGITAL LOGIC DESIGN : C202

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C202.1	3	3	3	3							3	3
C202.2	3	3	3	3	3				3		3	3
C202.3	3	3	3	3	3	3			3	3	3	3
C202.4	3	3	3	3	3	3		3	3	3	3	3
C202.5	3	3	3	3	3	3			3	3	3	3
C202.6	3	3	3	3	3	3		3		3	3	3
C202	3	3	3	3	3	3		2	3	3	3	3

Course Name: DESIGN THINKING: C203

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C203.1	3											3
C203.2	3	1										3
C203.3	3											3
C203.4	3											3
C203.5	3		1									3
C203.6	3											3
C203	3	1	1									3

HOD

Rishmy

PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula V, Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: DATA BASE MANAGEMENT SYSTEMS : C204

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C204.1	3		3									
C204.2	3	1										
C204.3	3		3									
C204.4	3											
C204.5	3											
C204.6	3											
C204	3	1	3									

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA : C205

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C205.1	3	3	3									
C205.2	3	3	3									
C205.3		3	3									
C205.4		3	3									
C205.5		3	3									
C205.6		3	3									
C205	3	3	3									

Course Name: PYTHON PROGRAMMING: C206

Year of Study: 2020-21

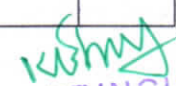
	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C206.1	3	3							1			
C206.2	3	3	3	3	3							3
C206.3	3	3	3	3	3							
C206.4	3	3	3	3	3							3
C206.5	3	3	3	3	3							3
C206.6	3	3	3	3								3
C206	3	3	3	3	3				1			3

Course Name: DATA BASE MANAGEMENT SYSTEMS LAB : C207

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C207.1	3	3	3	1	3							
C207.2	3	3	3		3							
C207.3	3	3	3		3							
C207.4	3	3	3		3							
C207.5	3	3	3		3							
C207.6	3	3	3		3							
C207	3	3	3	1	3							

HOD


 PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road,
 Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA LAB: C208

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C208.1	3	3	3									
C208.2	3	3	3									
C208.3		3	3									
C208.4		3	3									
C208.5		3	3									
C208.6		3	3									
C208	3	3	3									

Course Name: PYTHON PROGRAMMING LAB : C209

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C209.1	3	3							1			
C209.2	3	3	3	3	3							3
C209.3	3	3	3	3	3							
C209.4	3	3	3	3	3							3
C209.5	3	3	3	3	3							3
C209.6	3	3	3	3								3
C209	3	3	3	3	3				1			3

Course Name: ENVIRONMENTAL STUDIES : C210

Year of Study: 2020-21

	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8	PO-9	PO-10	PO-11	PO-12
C210.1	3	3							1			
C210.2	3	3	3	3	3							3
C210.3	3	3	3	3	3							
C210.4	3	3	3	3	3							3
C210.5	3	3	3	3	3							3
C210.6	3	3	3	3								3
C210	3	3	3	3	3				1			3

Head of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

Kishmy
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

I-I

Course Name: ALGEBRA CALCULUS: C101

Year of Study: 2019-20

	PSO-1	PSO-2
C101.1		
C101.2		
C101.3		
C101.4		
C101.5		
C101.6		
C101		

Course Name: CHEMISTRY: C102

Year of Study: 2019-20

	PSO-1	PSO-2
C102.1		
C102.2		
C102.3		
C102.4		
C102.5		
C102.6		
C102		

Course Name: PROBLEM SOLVING AND PROGRAMMING: C103

Year of Study: 2019-20

	PSO-1	PSO-2
C103.1	3	3
C103.2	3	3
C103.3	3	3
C103.4	3	
C103.5	3	3
C103.6	3	3
C103	3	3

Course Name: ENGINEERING GRAPHICS LAB : C104

Year of Study: 2019-20

	PSO-1	PSO-2
C104.1		
C104.2		
C104.3		
C104.4		
C104.5	1	1
C104.6	1	1
C104	1	1

HOD

Rishma

PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula Village, Nandikotkur Road, Kurnool - 518452

Andhra Pradesh - India

Phone: 0864-2511111, 0864-2511112

Website: www.ravindraengg.ac.in



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: ENGINEERING WORKSHOP: C105

Year of Study: 2019-20

	PSO-1	PSO-2
C105.1		
C105.2		
C105.3		
C105.4		
C105.5		
C105.6		
C105		

Course Name: CHEMISTRY LAB: C106

Year of Study: 2019-20

	PSO-1	PSO-2
C106.1		
C106.2		
C106.3		
C106.4		
C106.5		
C106.6		
C106		

Course Name: PROBLEM SOLVING AND PROGRAMMING LAB: C107

Year of Study: 2019-20

	PSO-1	PSO-2
C107.1	3	3
C107.2	3	3
C107.3	3	3
C107.4	3	
C107.5	3	3
C107.6	3	3
C107	3	3


I-II

Course Name: BASIC ELECTRICAL & ELECTRONICS ENGINEERING: C108

Year of Study: 2019-20

	PSO-1	PSO-2
C108.1		
C108.2		
C108.3		
C108.4	2	
C108.5	2	
C108.6		


HOD


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula Village, Nandikotkur Road,
Kurnool - 518452, Andhra Pradesh



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C108	2	
------	---	--

Course Name: PROBABILITY & STATISTICS: C109

Year of Study: 2019-20

	PSO-1	PSO-2
C109.1		
C109.2		
C109.3		
C109.4		
C109.5		
C109.6		
C109		

Course Name: APPLIED PHYSICS: C110

Year of Study: 2019-20

	PSO-1	PSO-2
C110.1		
C110.2	2	
C110.3		
C110.4		
C110.5		
C110.6	2	
C110	2	

Course Name: DATA STRUCTURES: C111

Year of Study: 2019-20

	PSO-1	PSO-2
C111.1	3	
C111.2	3	
C111.3	3	
C111.4	3	
C111.5	3	
C111.6	3	
C111	3	

Course Name: COMMUNICATIVE ENGLISH -I: C112

Year of Study: 2019-20

	PSO-1	PSO-2
C112.1		
C112.2		
C112.3	2	
C112.4		
C112.5	2	
C112.6		

HOD

Kishu
PRINCIPAL
RAVINDRA COLLEGE
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool - 518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C112	2	
------	---	--

Course Name: COMPUTER SCIENCE & ENGINEERING WORKSHOP: C113

Year of Study: 2019-20

	PSO-1	PSO-2
C113.1	3	3
C113.2	3	3
C113.3	3	3
C113.4	3	3
C113.5		
C113.6	3	3
C113	3	3

Course Name: COMMUNICATIVE ENGLISH LAB-I: C114

Year of Study: 2019-20

	PSO-1	PSO-2
C114.1		
C114.2		
C114.3		
C114.4		
C114.5		
C114.6		
C114		

Course Name: BASIC ELECTRICAL & ELECTRONICS ENGINEERING LAB: C115

Year of Study: 2019-20

	PSO-1	PSO-2
C115.1		
C115.2		
C115.3		
C115.4		
C115.5		
C115.6		
C115		

Course Name: APPLIED PHYSICS LAB: C116

Year of Study: 2019-20

	PSO-1	PSO-2
C116.1	3	
C116.2		
C116.3	3	
C116.4	3	
C116.5		
C116.6		

HOD of Department
Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.

K. Srinivas
PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road
Near Venkayapalli, KURNOOL-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C116	3	
------	---	--

Course Name: DATA STRUCTURES LAB : C117

Year of Study: 2019-20

	PSO-1	PSO-2
C117.1	3	3
C117.2		3
C117.3	3	3
C117.4	3	3
C117.5	3	3
C117.6		3
C117	3	3

II-I

Course Name: MATHEMATICAL FOUNDATIONS OF COMPUTER SCIENCE : C201

Year of Study: 2020-21

	PSO-1	PSO-2
C201.1	3	
C201.2	3	
C201.3	3	
C201.4	3	
C201.5	3	2
C201.6		2
C201	3	2

Course Name: DIGITAL LOGIC DESIGN : C202

Year of Study: 2020-21

	PSO-1	PSO-2
C202.1	3	3
C202.2	3	3
C202.3	3	3
C202.4	3	3
C202.5	3	3
C202.6	3	3
C202	3	3

Course Name: DESIGN THINKING: C203

Year of Study: 2020-21

	PSO-1	PSO-2
C203.1	3	3
C203.2	3	3
C203.3	3	3
C203.4	3	3
C203.5	3	3
C203.6	3	3

HOD

Kishna

PRINCIPAL

RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula(V), Nandikotkur Road,
Near Venkayapalle, Kurnool-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C203	3	3
------	---	---

Course Name: DATA BASE MANAGEMENT SYSTEMS : C204

Year of Study: 2020-21

	PSO-1	PSO-2
C204.1	3	
C204.2	3	
C204.3	3	
C204.4	3	
C204.5	3	
C204.6	3	
C204	3	

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA : C205

Year of Study: 2020-21

	PSO-1	PSO-2
C205.1	3	
C205.2	3	
C205.3	3	3
C205.4	3	3
C205.5	3	3
C205.6	3	3
C205	3	3

Course Name: PYTHON PROGRAMMING: C206

Year of Study: 2020-21

	PSO-1	PSO-2
C206.1	3	3
C206.2	3	3
C206.3	3	3
C206.4	3	3
C206.5	3	3
C206.6	3	3
C206	3	3

Course Name: DATA BASE MANAGEMENT SYSTEMS LAB : C207


Year of Study: 2020-21

	PSO-1	PSO-2
C207.1	3	
C207.2	3	
C207.3	3	
C207.4	3	
C207.5	3	
C207.6	3	
C207	3	


HOD

Head of Department

Computer Science & Engineering
Ravindra College of Engg. for Women
KURNOOL.


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasupula(V), Nandikotkur Road,
Near Venkayapalli, KURNOOL-518 004



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Name: OBJECT ORIENTED PROGRAMMING USING JAVA LAB: C208

Year of Study: 2020-21

	PSO-1	PSO-2
C208.1	3	
C208.2	3	
C208.3	3	3
C208.4	3	3
C208.5	3	3
C208.6	3	3
C208	3	3

Course Name: PYTHON PROGRAMMING LAB : C209

Year of Study: 2020-21

	PSO-1	PSO-2
C209.1	3	3
C209.2	3	3
C209.3	3	3
C209.4	3	3
C209.5	3	3
C209.6	3	3
C209	3	3

Course Name: ENVIRONMENTAL STUDIES : C210

Year of Study: 2020-21

	PSO-1	PSO-2
C210.1	3	3
C210.2	3	3
C210.3	3	3
C210.4	3	3
C210.5	3	3
C210.6	3	3
C210	3	3


HOD



PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN

Pasupula(V), Nandikotkur Road,
Venkayapalle, KURNOOL-518452



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
 Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
 Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Attainment of Course Outcomes:

- Step 1: Calculate the average attainment of each course outcome.
- Step 2: Calculate the average percentage attainment of each course outcome.

Measurement of Course attainment levels for University Examinations:

- Step 1: Calculate the average of university marks.
- Step 2: Calculate the average percentage of university marks.

Overall Direct Assessment including Internal and University Examinations:

- ❖ Weightage to University Examinations: 70%
- ❖ Weightage to Internal Examinations: 30%

Overall Attainment including Direct and Indirect Survey:

- ❖ Weightage to Direct Survey: 80%
- ❖ Weightage to Indirect Survey(feedback): 20%

Measurement of Course attainment levels:

- Attainment Level 1: If the percentage of course outcome attainment is in between 40% and 50% (exclusive) in internal examinations.
- Attainment Level 2: If the percentage of course outcome attainment is in between 50% and 60 % (exclusive) in internal examinations.
- Attainment Level 3: If the percentage of course outcome attainment is greater than or equal to 60% in internal examinations.

CO ATTAINMENT					Inter nal	EXTERNAL MARKS %	DIRECT ATTAIN MENT	INDIRECT ATTAINMEN T	FINAL ATTAINMEN T %	ATTAINMEN T LEVEL		
CO 1	6.8	7.4			7.1	71	34.60	49.43	55.9	90.70	62.86	3
CO 2	6.8	7.4	6.2	6.5	6.7	67	34.60	49.43	54.7	90.25	61.81	3
CO 3	6.8	6.2	6.5	5.7	6.3	63	34.60	49.43	53.5	89.90	60.78	3
CO 4	6.2	5.7	7.1		6.3	63	34.60	49.43	53.5	89.92	60.78	3
CO 5	6.2	5.7	7.1	7.8	6.7	67	34.60	49.43	54.7	90.46	61.85	3
CO 6	6.2	7.8	6.4		6.8	68	34.60	49.43	55	89.41	61.88	3

CO	Cognitive level	% CO Attainment	% Target Attainment	Difference	Action Plan
CO1	Apply	62.86	61.82	1.0	Conduct extra classes and give assignments
CO2	Analyze	61.81	61.82	0.0	Special classes are recommended and discuss previous question papers
CO3	Analyze	60.78	61.82	-1.0	-

FACULTY INCHARGE

PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN

HOD



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
 Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
 Andhra Pradesh – India

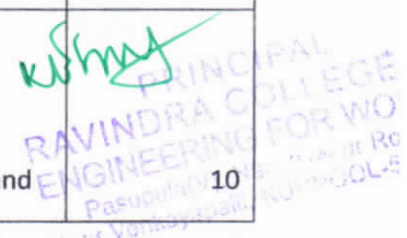
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CO4	Analyze	60.78	61.82	-1.0	-
CO5	Understand	61.85	61.82	0.0	Bridge course on basics are recommended.
CO6	Apply	61.88	61.82	0.1	Students are advised to go through NPTEL videos.

Name of the Course, Semester and Branch: ST, III-I CSE				
	Course Outcomes At the end of the course, the student will be able to	POs	Cognitive Level	Class Sessions
C305.1	Develop test models to analyze consequences of bugs.	PO1,PO2,PO3,PSO1	Apply	8
C305.2	Analyze path testing by using flow graphs and regular expressions.	PO1,PO2,PO3,PSO1,PSO2	Analyze	8
C305.3	Analyze transaction flow, data flow and domain testing.	PO1,PO2,PO4,PSO1	Analyze	16
C305.4	Analyze logic based & Transition Testing by using decision tables and KV graphs.	PO1,PO2,PO4,PSO1,PSO2	Analyze	12
C305.5	Illustrate graph based testing process by using good and bad state graphs and testability tips.	PO1,PO2,PO4,PO5,PSO1	Understand	10


 FACULTY INCHARGE


 HOD


 PRINCIPAL
 RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road, Kurnool-518452
 Andhra Pradesh, India
 Phone: 0854-2512002



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
 Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
 Andhra Pradesh – India

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

C305.6	Apply node reduction algorithm to find out reduced adjacency matrix	PO1,PO2,PO5,PSO2	Apply	10
Total Sessions				64

- If Class Sessions are >40% of Total Class Sessions then PO is addressed at a level-3
- If Class Sessions are 25-40% of Total Class Sessions then PO is addressed at a level-2
- If Class Sessions are 5-25% of Total Class Sessions then PO is addressed at a level-1
- If Class Sessions are <5% of Total Class Sessions then PO is treated as Not Addressed

64 of 64(100%) sessions are devoted to PO1	Mapping strength is 3
64 of 64(100%) sessions are devoted to PO2	Mapping strength is 3
16 of 64 (25%) sessions are devoted to PO3	Mapping strength is 2
36 of 64 (56.25%) sessions are devoted to PO4	Mapping strength is 3
20 of 64 (31.25%) sessions are devoted to PO5	Mapping strength is 2
54 of 64 (84.38%) sessions are devoted to PSO1	Mapping strength is 3
30 of 64 (46.88%) sessions are devoted to PSO2	Mapping strength is 3

CO-PO Mapping matrix of Software Testing (CO-PO Articulation Matrix)

	ST														%CO
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
C305.1	3	3	2										3		62.86
C305.2	3	3	2										3	3	61.81
C305.3	3	3		3									3		60.78
C305.4	3	3		3									3	3	60.78
C305.5	3	3		3	2								3		61.85
C305.6	3	3			2									3	61.88
C305	3	3	2	3	2								3	3	

FACULTY INCHARGE

PRINCIPAL
 RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road,
 Kurnool-518 002

HOD



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Approved by AICTE, New Delhi & Permanently Affiliated to JNTUA Ananthapuramu
 Near Venkayapalle, Pasupula Village, Nandikotkur Road, Kurnool – 518452
 Andhra Pradesh – India


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


Attainment of PO	
PO1	$(co1+co2+co3+co4+co5+co6)/6 = 61.66$
PO2	$(co1+co2+co3+co4+co5+co6)/6 = 61.66$
PO3	$(co1+co2)/2 = 62.33$
PO4	$(co3+co4+co5)/3 = 61.13$
PO5	$(co5+co6)/2 = 61.86$
PSO1	$(co1+co2+co3+co4+co5)/5 = 61.61$
PSO2	$(co2+co4+co6)/3 = 61.49$

PO attainment of ST

Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
C305	ST	61.66	61.66	62.33	61.13	61.86								61.61	61.49
	For a scale of 3	1.8498	1.8498	1.8699	1.8339	1.8558								1.8483	1.8447


 FACULTY INCHARGE


 PRINCIPAL
 RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road, Kurnool-518452


 PRINCIPAL
 RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Pasupula Village, Nandikotkur Road, Kurnool-518452


 HOD



RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Nandikotkur Road, Kurnool-518452

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Alumni Survey Questionnaire

The Department of Electronics and Communication Engineering has been established in the year 2008. One of the key portions of the process is program assessment and improvement. In order to improve the effectiveness of our B. Tech program we need your help with the following questions. Thank you for your cooperation in this important matter.

Name : Molakathalla Pavani

Roll Number : 163TIA0454

Year of Graduation : 2016-2020

Permanent Address : Kurnool.

Mobile Number : 9849971022.

Email : Pavanireddymolakathalla@gmail.com

Current Position

Company : TCS

Address : Hyderabad.

Title : _____

Responsibilities: _____

Previous Positions in the past five years:


Company : _____ Title : _____

Company : _____ Title : _____

Company : _____ Title : _____


Company : _____ Title : _____

Company : _____ Title : _____


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
Pasuru (M), Nandikotkur Road,
Nandikotkur, Kurnool, Andhra Pradesh, India

8.	Have you pursued any type of professional and/or continuing education (Other than an advanced degree)?				
	Yes		No		
			✓		
9.	List and indicate your level of involvement in any engineering, professional, and community organizations				
	Member	Committee Service		Other	
				✓	
10.	Rate the overall quality of your RCEW education.				
	Excellent	Good	Below Average	Poor	Unsure
		✓			
11.	Would you recommend RCEW to a friend or relative who is considering going to college?				
	Definitely Yes	Yes	No	Definitely No	Unsure
	✓				
12.	Rate the overall quality of the Electronics and Communication Engineering program at RCEW				
	Excellent	Good	Below Average	Poor	Unsure
	✓				


Any other Comments:


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
 Pasupathinagar, Anna Nagar Road,
 Chennai - 600 029, India.

8	I am able to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (Ethics)		✓			
9	I am able to function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings (Individual and Team Work)		✓			
10	I am able to communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions (Communication)	✓				
11	I have gained an ability to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work as a member and leader in a team, to manage projects and in multidisciplinary environments (Project Management and Finance)	✓				
12	I am able to recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change (Life Long Learning)	✓				

Program Specific Outcomes

Use the following scale to rate your progress in the following areas as a result of taking this course.		To a Very Great Extent	To a Great Extent	To a Moderate Extent	To Some Extent	Not at All
1	I am able to analyse and design circuit and system level solutions, for VLSI, Embedded system and relevant areas (PSO1)	✓				
2	I am able to demonstrate the technical competency with proficiency in programming and simulation tools for applications in communications and signal processing (PSO2)	✓				


PRINCIPAL
RAVINDRA COLLEGE OF
ENGINEERING FOR WOMEN
 Paschim Medinipur, Bhubaneswar Road,
 Paschim Medinipur, Odisha-751004

Ravindra College of Engineering for Women

Nandikotkur Road – 518452, Kurnool

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Alumni Assessment Questionnaire

The Department of Computer Science Engineering has been established in the year 2008. One of the key portions of the process is program assessment and improvement. In order to improve the effectiveness of our B. Tech program we need your help with the following questions. Thank you for your cooperation in this important matter.

Name : P Janani Akanksha
Roll Number : 16BT1A0581
Year of Graduation : 2020
Permanent Address : 4-17-2/13, near Hanuman temple,
Ssailam Project, Sundipenta
Telephone Number : 8978948910
Email : Pjananksha581@gmail.com

Current Position
Company : CTS
Address : Hyderabad
Title : Trainee Software Engineer
Responsibilities: _____

Previous Positions in the past five years:

Company : _____ Title : _____
Company : _____ Title : _____
Company : _____ Title : _____
Company : _____ Title : _____
Company : _____ Title : _____

8.	Have you pursued any type of professional and/or continuing education (Other than an advanced degree)?				
	Yes		No		
				✓	
9.	List and indicate your level of involvement in any engineering, professional, and community organizations				
	Member	Committee Service		Other	
				✓	
10.	Rate the overall quality of your RCEW education.				
	Excellent	Good	Below Average	Poor	Unsure
	✓				
11.	Would you recommend RCEW to a friend or relative who is considering going to college?				
	Definitely Yes	Yes	No	Definitely No	Unsure
	✓				
12.	Rate the overall quality of the Computer science Engineering program at RCEW				
	Excellent	Good	Below Average	Poor	Unsure
	✓				

Any other Comments:

✓

8	I am able to apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (Ethics)	✓				
9	I am able to function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings (Individual and Team Work)	✓				
10	I am able to communicate effectively on complex engineering activities with the engineering community and with society at large such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions (Communication)	✓				
11	I have gained an ability to Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's work as a member and leader in a team, to manage projects and in multidisciplinary environments (Project Management and Finance)	✓				
12	I am able to recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change (Life Long Learning)	✓				

Program Specific Outcomes

Use the following scale to rate your progress in the following areas as a result of taking this course.		To a Very Great Extent	To a Great Extent	To a Moderate Extent	To Some Extent	Not at All
1	I am able to Design, develop, test, and maintain innovative System Software to meet the desired needs of industry & society. (PSO1)	✓				
2	I am able to Apply skills to design efficient algorithms to solve the problems in the area of networking & data analytics.(PSO2)	✓				

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN::KURNOOL.
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AY:2020-21

Sno	Question	VG	G	M	S	N	Average Feedback	Percentage of Feedback	Attainment Level
1	Analyze and apply the knowledge of mathematics, science, engineering fundamentals to find solution for problems in Electronics and Communication Engineering (Engineering knowledge)	96	3	0	0	0	4.92	98.40	3
2	Perform research review. Analyze, conduct experiments and interpret results for assessing the efficiency of electronic circuits and components (Problem analysis)	95	4	0	0	0	4.91	98.20	3
3	Select and apply appropriate techniques for the design and development of electronic engineering applications to assess societal, health, safety, legal and cultural issues (Design / Development of Solutions, Engineer and society)	95	4	0	0	0	4.91	98.20	3
4	Investigate, design and conduct experiments, interpret the results to provide valid conclusions (conduct investigations of complex problems)	93	4	2	0	0	4.87	97.40	3
5	Analyze, Select and apply appropriate techniques for the simulation and design of signal processing & communications using modern tools (modern tool usage)	90	4	4	1	0	4.8	96.00	3
6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice (The engineer and society)	85	8	4	1	1	4.72	94.40	3
7	Analyze and apply professional engineering solutions in societal and environmental contexts for sustainable development (Environment and sustainability)	80	8	5	4	2	4.57	91.40	3
8	Develop consciousness on ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (Ethics)	75	14	4	4	2	4.53	90.60	3
9	Perform effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings (Individual and team work)	69	11	8	8	3	4.32	86.40	3
10	Communicate effectively on complex engineering activities with the engineering community and to comprehend and write effective reports and design documentation, make effective presentations (Communication)	60	14	9	8	8	4.07	81.40	3
11	of the engineering and management principles and work as a member and leader in a team, to manage projects and in multidisciplinary environments (Project)	55	16	12	10	6	4.01	80.20	3
12	Recognise the need and ability to engage in independent and life long learning in the broadest context of technological change (Life-long learning)	52	20	16	7	4	4.06	81.20	3
13	The ability to design, develop, test and maintain innovative system software to meet the desire needs of industry and society	50	30	10	5	4	4.14	82.80	3
14	Able to apply skills to design efficient algorithms to solve the problems in the are of networking and data analytics	48	20	14	13	4	3.92	78.40	3

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN

Principal
 Head of Department
 Computer Science & Engineering
 Ravindra College of Engg. for Women
 KURNOOL.

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN::KI RNOOL

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AY:2019-20

Sno	question	VG	G	M	S	N	Average Feedback	Percentage of Feedback	Attainment Level
1	Analyze and apply the knowledge of mathematics, science, engineering fundamentals to find solution for problems in Electronics and Communication Engineering (Engineering knowledge)	99	5	4	0	0	4.88	97.59	3
2	Perform research review. Analyze, conduct experiments and interpret results for assessing the efficiency of electronic circuits and components (Problem analysis)	97	6	5	0	0	4.85	97.04	3
3	Select and apply appropriate techniques for the design and development of electronic engineering applications to assess societal, health, safety, legal and cultural issues (Design / Development of Solutions, Engineer and society)	95	4	4	5	0	4.75	95.00	3
4	Investigate, design and conduct experiments, interpret the results to provide valid conclusions (conduct investigations of complex problems)	92	8	4	4	0	4.74	94.81	3
5	Analyze, Select and apply appropriate techniques for the simulation and design of signal processing & communications using modern tools (modern tool usage)	90	10	4	4	0	4.72	94.44	3
6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice (The engineer and society)	88	10	5	5	0	4.68	93.52	3
7	Analyze and apply professional engineering solutions in societal and environmental contexts for sustainable development (Environment and sustainability)	79	10	7	6	6	4.39	87.78	3
8	Develop consciousness on ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (Ethics)	76	12	8	6	6	4.35	87.04	3
9	Perform effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings (Individual and team work)	74	12	10	6	6	4.31	86.30	3
10	Communicate effectively on complex engineering activities with the engineering community and to comprehend and write effective reports and design documentation, make effective presentations (Communication)	88	10	4	4	2	4.65	92.96	3
11	Demonstrate knowledge and understanding of the engineering and management principles and work as a member and leader in a team, to manage projects and in multidisciplinary environments (Project management and finance)	63	16	12	10	7	4.09	81.85	3
12	Recognise the need and ability to engage in independent and life long learning in the broadest context of technological change (Life-long learning)	57	28	15	4	4	4.20	84.07	3
13	The ability to design, develop, test and maintain innovative system software to meet the desire needs of industry and society.	65	24	10	5	4	4.31	86.11	3
14	Able to apply skills to design efficient algorithms to solve the problems in the are of networking and data analytics	52	22	20	10	4	4.00	80.00	3

Rishy
PRINCIPAL
 RAVINDRA COLLEGE OF
 ENGINEERING FOR WOMEN

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN::KURNOOL
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

AY:2018-19

Sno	Question	VG	G	M	S	N	Average Feedback	Percentage of Feedback	Attainment Level
1	Analyze and apply the knowledge of mathematics, science, engineering fundamentals to find solution for problems in Electronics and Communication Engineering (Engineering knowledge)	101	8	0	0	0	4.93	98.53	3
2	Perform research review, Analyze, conduct experiments and interpret results for assessing the efficiency of electronic circuits and components (Problem analysis)	97	8	4	0	0	4.85	97.06	3
3	Select and apply appropriate techniques for the design and development of electronic engineering applications to assess societal, health, safety, legal and cultural issues (Design / Development of Solutions, Engineer and society)	95	10	4	0	0	4.83	96.70	3
4	Investigate, design and conduct experiments, interpret the results to provide valid conclusions (conduct investigations of complex problems)	93	8	4	4	0	4.74	94.86	3
5	Analyze, select and apply appropriate techniques for the simulation and design of signal processing & communications using modern tools. (modern tool usage)	90	10	5	4	0	4.71	94.13	3
6	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice (The engineer and society)	85	10	9	5	0	4.61	92.11	3
7	Analyze and apply professional engineering solutions in societal and environmental contexts for sustainable development (Environment and sustainability)	80	10	7	6	6	4.39	87.89	3
8	Develop consciousness on ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice (Ethics)	77	14	7	6	5	4.39	87.89	3
9	Perform effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings (Individual and team work)	70	12	10	9	8	4.17	83.30	3
10	Communicate effectively on complex engineering activities with the engineering community and to comprehend and write effective reports and design documentation, make effective presentations (Communication)	75	10	8	8	8	4.25	84.95	3
11	of the engineering and management principles and work as a member and leader in a team, to manage projects and in multidisciplinary environments (Project)	65	16	12	10	6	4.14	82.75	3
12	Recognise the need and ability to engage in independent and life long learning in the broadest context of technological change (Life-long learning)	62	23	15	5	4	4.33	84.59	3
13	The ability to design, develop, test and maintain innovative system software to meet the desire needs of industry and society.	60	30	10	5	4	4.26	85.14	3
14	Able to apply skills to design efficient algorithms to solve the problems in the are of networking and data analytics.	55	22	15	13	4	4.02	80.37	3

PRINCIPAL

RAVINDRA COLLEGE OF ENGINEERING FOR WOMEN
 Postupulath, Nallakuruguvod, Kurunool, Andhra Pradesh, India

Head of Department
Computer Science & IT
 Ravindra Coll.