



LAKKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.

Affiliated to JNTUK Kakinada, Approved by AICTE New Delhi,

NAAC Accredited with 'A' grade, Accredited by NBA, Certified by ISO 9001:2008

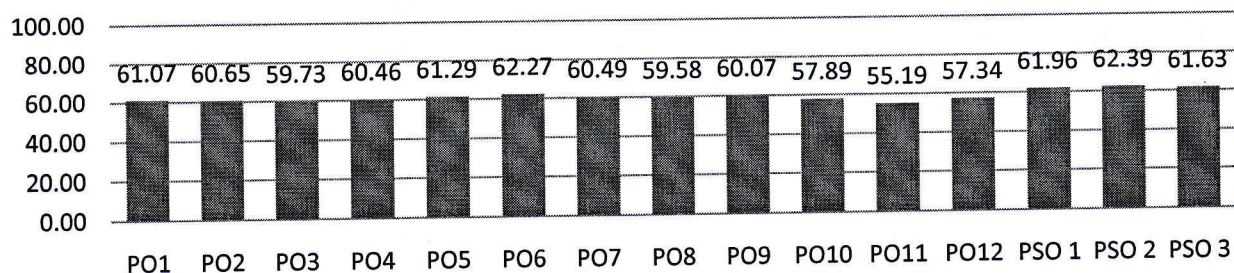
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

<http://www.lbrce.ac.in>, ecdept4@gmail.com Phone:08659-222933, Fax:08659-222931

POs & PSOs Attainment Levels for 2012 Admitted Batch

Final Attainment -2012-16 Admitted Batch (R11-Regulation)						
POs & PSOs	Target (%)	Direct Method	Indirect Method			Final Attainment(%)
		PO Attainment through CO's (%)	Exit Survey (%)	Employer Survey (%)	Student Portfolios (%)	
PO1	65.00	58.64	73.19	73.33	39.04	61.07
PO2	65.00	58.01	66.28	80.00	39.04	60.65
PO3	65.00	58.72	63.98	73.33	39.04	59.73
PO4	65.00	58.34	63.65	80.00	39.04	60.46
PO5	65.00	58.10	63.49	86.67	39.04	61.29
PO6	65.00	58.20	70.23	86.67	38.2	62.27
PO7	65.00	61.66	64.47	66.67	38.2	60.49
PO8	65.00	58.26	72.04	66.67	38.2	59.58
PO9	65.00	59.60	69.57	66.67	38.78	60.07
PO10	65.00	57.24	64.31	66.67	39.04	57.89
PO11	65.00	58.82	65.13	53.33	21.3	55.19
PO12	65.00	58.90	60.69	60.00	39.04	57.34
PSO 1	65.00	58.67	72.37	80.00	39.04	61.96
PSO 2	65.00	57.96	71.38	86.67	39.04	62.39
PSO 3	65.00	58.05	65.95	86.67	39.04	61.63

Final PO-PSO-Attainment - 2012-16 Batch



[Signature]
27.6.2016
Head of the Department

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(Autonomous)**

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DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 27.06.2016

CIRCULAR






There will be a meeting of Program Assessment Committee (PAC) to discuss the final attainment of the Program Outcomes and Program Specific Outcomes of 2012-Admitted batch to be held on **07-07-2016**

Agenda:

1. To discuss the PO attainment for 2016 Passed out students.
2. Any suggestions from the chairman for improvement in attainment process.

Venue: ECE HOD Chamber – 09:50 AM


HOD, ECE

S. No	Name of the Faculty	Signature
1	Prof. B Ramesh Reddy, Chairman	
2	Dr A Narendra Babu, Member	
3	Mr Y Amar Babu, Member	
4	Mr. G L N Murthy, Member	
5	Mr. M K Linga Murthy, Member	

Minister

Actions Taken for improvement of Pos and PSOs

PO	Target	Attained	Observation
PO1: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems	65	61.07	Target not reached
Action1: More practicing of problems are needed for achieving good attainment in courses with much mathematical background Action2: Delivery methods should be modified so that the student can get acquainted through concepts easily. Action3: Basic courses where syllabus is vast can be redesigned when next regulations are framed.			
PO	Target	Attained	Observation
PO2: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences	65	60.65	Target not reached
Action1: Students should be more practiced on mathematical and advanced courses Action2: More practicing of problems are needed for achieving good attainment in courses with much mathematical background Action3: Delivery methods should be modified so that the student can get acquainted through concepts easily. Action4: Basic courses where syllabus is vast can be redesigned when next regulations are framed.			
PO	Target	Attained	Observation
PO3: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.	65	59.73	Target not reached
Action1: More practicing of problems are needed for achieving good attainment in courses with much mathematical background Action2: Delivery methods should be modified so that the student can get acquainted through concepts easily. Action3: Few core courses whose syllabus is too vast can be redesigned in new regulations.			
PO	Target	Attained	Observation
PO4: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.	65	60.46	Target not reached
Action1: In the first year level, the students should be more trained up as they have to get habituated to the engineering stream. Action2: More practicing of problems are needed for achieving good attainment in Theoretical courses Action3: Delivery methods should be modified so that the student can get acquainted through concepts easily. Action4: Few core courses whose syllabus is too vast can be redesigned in new regulations.			
PO	Target	Attained	Observation
PO5: Create, select, and apply appropriate techniques,	65	61.29	Target not

resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.			reached
<p>Action1: Foundation courses must be thoroughly injected into students using advanced tools.</p> <p>Action2: More practicing of problems are needed for achieving good attainment in courses with much mathematical background</p> <p>Action3: Delivery methods should be modified so that the student can get acquainted through concepts easily.</p> <p>Action4: Few core courses whose syllabus is too vast can be redesigned in new regulations.</p>			
PO	Target	Attained	Observation
PO6: 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	65	62.27	Target not reached
<p>Action1: Courses in basic sciences category as well as course with more approach need to be given more attention.</p> <p>Action2: Basic courses where syllabus is vast can be redesigned when next regulations are framed</p> <p>Action3: Delivery methods can be modified.</p>			
PO	Target	Attained	Observation
PO7: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development	65	60.49	Target not reached
<p>Action1: Courses in basic sciences category need to be given more attention.</p> <p>Action2: Courses that can enhance the ability of student to understand real time solutions should be concentrated more.</p>			
PO	Target	Attained	Observation
PO8: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice	65	59.58	Target not reached
<p>Action1: Students should be allowed to attend various activities outside to get exposed to the real time industrial environment</p>			
PO	Target	Attained	Observation
PO9: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings	65	60.07	Target not reached
<p>Action1: Course/Activities that enhance the skills of student should be carried out more.</p>			
PO	Target	Attained	Observation
PO10: 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	65	57.89	Target not reached
<p>Action1: More activities should be incorporated in the curriculum that enhance the presentation skills of student.</p>			
PO	Target	Attained	Observation
PO11: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.	65	55.19	Target not reached
<p>Action1: Students will be encouraged to participate in various activities to enhance their skills.</p>			

PO	Target	Attained	Observation
PO12: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.	65	57.34	Target not reached
Action1: More practicing of problems are needed for achieving good attainment with much mathematical background			
Action2: Delivery methods should be modified so that the student can get acquainted through concepts easily.			
Action3: Few core courses whose syllabus is too vast can be redesigned in new regulations.			
Action4: Students should be acquainted with latest developments			
PSO	Target	Attained	Observation
PSO1 :Design and develop modern communication technologies for building the inter disciplinary skills to meet current and future needs of industry.	65	61.96	Target not reached
Action1: Problem solving skills need to be improved further.			
PSO	Target	Attained	Observation
PSO2: Design and Analyze Analog and Digital Electronic Circuits or systems and Implement real time applications in the field of VLSI and Embedded Systems using relevant tool.	65	62.39	Target not reached
Action1: More practicing of problems are needed for achieving good attainment with much mathematical background			
Action2:Delivery methods should be modified so that the student can get acquainted through concepts easily.			
PSO	Target	Attained	Observation
PSO3: Apply the Signal processing techniques to synthesize and realize the issues related to real time applications	65	61.63	Target not reached
Action1: More practicing of problems are needed for achieving good attainment with much mathematical background.			
Action2:Delivery methods should be modified so that the student can get acquainted through concepts easily.			
Action3:Few core courses whose syllabus is too vast can be redesigned in new regulations.			

*It was observed in common that the contribution from student portfolio is less and not satisfactory, it is concluded that student should be more encouraged towards participation in co and Extracurricular activities in upcoming years.

*Further, the steps to be taken for improving the attainment of COs are discussed in the PAC meeting and will be implemented in due course of time.

Date: 07.07.2016


7.7.2016
Head of the Department