

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

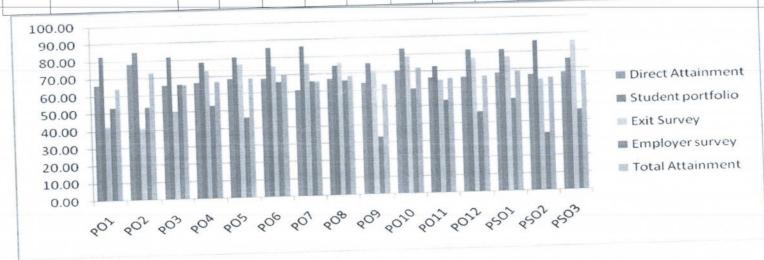
Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

FINAL PO-PSO ATTAINMENT OF 2013 ADMITTED BATCH

			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
						4				66.03	C4 22	70.72	66.18	66.11	67.80	66.48	67.59
	Direc	t Attainment	66.34	78.29	65.43	66.48	68.48	67.86	61.07	66.83	64.22	70.72	00.10	00.11			
		Student	82.71	84.92	81.64	78.03	80.66	85.57	85.90	74.43	75.33	82.95	72.46	81.64	81.48	85.90	75.25
2013 ADIVIII LED	ent	portfolio										70.64	64.70	76.82	77.12	63.66	85.4
<u> </u>	Indirect	Exit Survey	42.09	41.27	49.94	73.18	76.41	74.81	76.21	76.21	70.76	78.64	64.70	70.02	77.12		
AL	nd tai							55.00	66.00	66.00	33.00	60.00	53.00	46.00	53.00	33.00	46.0
113	A A	Employer survey	53.00	53.00	66.00	53.00	46.00	66.00	66.00	00.00	33.00	00.00					
77										CO 45	62.87	71.67	65.34	66.72	68.62	64.79	67.9
	To	otal Attainment	64.22	72.72	65.56	66.96	68.24	70.14	65.56	68.45	62.87	/1.0/	03.54	0317			



Actions taken based on the results of evaluation of each of the POs & PSOs

POs& PSOs Attainment Levels and Actions for improvement in the CAY(2017-18)

	Toward	Attained	Observation
PO	Target	Attained	tics, science, engineering fundamentals, and an engineering specialization to
PO1:Engineering knowled	dge: Apply the know	leage of mathema	ites, seconds, seconds
the colution of complex eng	ineering problems.		. 1
2016-2017	70	1 the it man attrib	auted that still they need more practice on problem solving with the help of
mathematical logic/knowle Action Taken	dge.		Target not reached outed that still they need more practice on problem solving with the help of
2 Conduct Redimal classes	to give thorough pra	ctice in problem so	lving.
P.O	Target	Attained	Observation
DO2. Problem analysis:	Identify, formulate,	review research	iterature, and analyse complexengineering problems reaching substantiated and engineering sciences.
PO2: Problem analysis: conclusions using first prin	nciples of mathematic	s, natural sciences,	
conclusions using mst prin	70	72.82	Target reached Target reached
2016-2017	and interacting with s	tudents it is attribu	Target reached ted that they need more analytical capabilities in solving Operating Systems, The structure of the stru
PO3: Design/developme meet the specified need	Target	Attained	Observation Observ
considerations.	70	65.76	Target not reached Target not reached with
2016-2017	1 0 11'4'1	ara to strengthen	• Target not reached the design capabilities of students, after analyzed results and interacted with
students. Action Taken Conduct more number of	classes/tutorials for t	he courses which a	re contributing design &development of solutions.
PO	Target	Attained	h based knowledge and research methods including design of experiments.
PO4: Conduct investig	ations of complex p	roblems: Use rese	Observation arch-based knowledge and research methods including design of experiments on to provide valid conclusions.
analysis and interpretation	n of data, and synther	sis of the informati	1 1
Carrer Just The Land	60	66.64	Target reached Target reached preparation i.e., in terms of designing
2016-2017		students are doing	laboratory experiments without chough preparation
2016-2017	it is observed that	students are doing	moormory or p
2016-2017 After analysis of results experiment, analyzing ar Action Taken	, it is observed that and interpretation of re	sults.	Target reached laboratory experiments without enough preparation i.e., in terms of designing

Conduct workshop	on Problem Solving using	C, Java and Data	1 Structures.
0	Target	Attained	Observation chiques, resources, and modernengineering and IT tools including prediction ading of the limitations.
O5:Modern tool usa	ige: Create, select, and ap	ply appropriate te	chniques, resources, and modernengmeering
nd modelling to comp	blex engineering activities	With an understan	
016-2017	65	68.32	Target reached
Action Taken	courses attained less.	s like cloudsim,ne	etsim etc., to have a practical exposure on the theoritical concepts. Internships and Main Projects Observation
Ceep more focus on u	Target	Attained	Observation C+ level and cultural
20	and society: Apply reason	ning informed by	the contextual knowledge to assess societal, health, safety, legal and cultural engineering practice.
PO6: The engineer	uent responsibilities releva	nt to the profession	71101 711011
2016-2017	a and interacting with stud	ents, it is observe	d that students are still to be motivated.
Motivate the students	by explaining the importa	nce of doing inter	rnship and project work.
PO	Target	stand the impact of	Observation Observation of the professional engineering solutions in societal and environmental contexts, elopment.
PO7: Environment and demonstrate the l	Target and sustainability: Under knowledge of, and need for	estand the impact or r sustainable deve	of the professional engineering solutions in societal and environmental contexts, elopment.
PO PO7: Environment and demonstrate the legal 2016-2017 After interacting with Action Taken Encourage the studen	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental	r sustainable deve	of the professional engineering solutions in societal and environmental contexts, elopment. Target reached vareness on environment and sustainable development. The related problems for their main project or mini-projects.
PO PO7: Environment and demonstrate the legal 2016-2017 After interacting with Action Taken Encourage the studen	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental	r sustainable deve	of the professional engineering solutions in societal and environmental contexts, elopment. Target reached vareness on environment and sustainable development. The related problems for their main project or mini-projects.
PO PO7: Environment and demonstrate the la 2016-2017 After interacting with Action Taken Encourage the studen PO PO8: Ethics: Apply	Target and sustainability: Under cnowledge of, and need for 60 a students, it is found to be not select environmental Target ethical principles and com	stand the impact of r sustainable deve 65.56 due to lack of aw and socioeconom Attained mit to profession.	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. nic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice.
PO PO7: Environment and demonstrate the la 2016-2017 After interacting with Action Taken Encourage the studen PO PO8: Ethics: Apply	Target and sustainability: Under cnowledge of, and need for 60 a students, it is found to be not select environmental Target ethical principles and com	stand the impact of r sustainable deve 65.56 due to lack of aw and socioeconom Attained mit to profession.	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. hic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice.
PO PO7: Environment and demonstrate the land demonstrate the land 2016-2017 After interacting with Action Taken Encourage the studer PO PO8: Ethics: Apply 2016-2017 After analysis of rest Action Taken conduct additional c	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental Target ethical principles and com 65 alts and interacting with st lasses on professional ethical	stand the impact of resustainable development of the following stands and socioeconomy and socioeconomy Attained armit to professional development of the following stands and norms of the stands and	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. nic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice. • Target reached lefforts required to improve knowledge on professional ethics and moral values. the engineering practice.
PO PO7: Environment and demonstrate the land demonstrate the land 2016-2017 After interacting with Action Taken Encourage the studer PO PO8: Ethics: Apply 2016-2017 After analysis of rest Action Taken conduct additional c	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental Target ethical principles and com 65 alts and interacting with st lasses on professional ethical	stand the impact of resustainable development of the following stands and socioeconomy and socioeconomy Attained armit to professional development of the following stands and norms of the stands and	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. nic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice. • Target reached lefforts required to improve knowledge on professional ethics and moral values. the engineering practice.
PO PO7: Environment and demonstrate the land demonstrate the land 2016-2017 After interacting with Action Taken Encourage the studer PO PO8: Ethics: Apply 2016-2017 After analysis of rest Action Taken conduct additional c	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental Target ethical principles and com 65 alts and interacting with st lasses on professional ethical	stand the impact of resustainable development of the following stands and socioeconomy and socioeconomy Attained armit to professional development of the following stands and norms of the stands and	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. nic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice. • Target reached l efforts required to improve knowledge on professional ethics and moral values. the engineering practice.
PO PO7: Environment and demonstrate the land demonstrate the land 2016-2017 After interacting with Action Taken Encourage the studer PO PO8: Ethics: Apply 2016-2017 After analysis of rest Action Taken conduct additional c	Target and sustainability: Under knowledge of, and need for 60 a students, it is found to be atts to select environmental Target ethical principles and com 65 alts and interacting with st lasses on professional ethical	stand the impact of resustainable development of the following stands and socioeconomy and socioeconomy Attained armit to professional development of the following stands and norms of the stands and	of the professional engineering solutions in societal and environmental contexts, elopment. • Target reached vareness on environment and sustainable development. nic related problems for their main project or mini-projects. Observation al ethics and responsibilities and norms of the engineering practice. • Target reached lefforts required to improve knowledge on professional ethics and moral values. the engineering practice.

Action Taken	nalities was created by	project assessme	nt and evaluation committee.
Wareness on leadership quarter on team	work by preparing t	he posters and pa	aper presentation in various competitions(i.e. LAKSHYA-13 conducted by
BRCE)	more of property		
	Target	Attained	Observation 1 id assists at large
2010. Communication: (ely on complex en	gineering activities with the engineering community and with society at large,
when as being able to come	prehend and write effe	ctive reports and	design documentation, make effective presentations, and give and receive clear
nstructions.	pronona alla		
	65	71.83	Target reached
Gar interesting with stude	ents it was identified	hat additional foc	us required on development of communication skills.
	elits, it was identified		
Action Taken	G 't' o	d Coff Chille	
Conduct training sessions	on Communication ar	ities	
Involve the students in Stu			Observation
PO	Target	Attailled	lge and understanding of theengineering and management principles and apply
PO11: Project managem	ent and finance: Den	nonstrate knowled	nage projects and in multidisciplinary environments.
i Ozzi z z oj o		r in a icaiii. 10 iiia	Hage Diojects and in manual j
these to one's own work, a	as a member and leade	(4.72	- Target reached
these to one's own work, a 2016-2017 It was observed that still for the control of the control	ew courses required in dents, it was identified	nprovement. that additional for	cus required on development of communication skills.
these to one's own work, a 2016-2017 It was observed that still for After interacting with stud Action Taken More Focus on motivating	ew courses required in dents, it was identified gethe students by explanations are the students are the students are the students by explanations are the students are the	nprovement. that additional for ining the important	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee.
these to one's own work, a 2016-2017 It was observed that still for After interacting with stude Action Taken More Focus on motivating Create awareness on projection of Product workshop on Pro-	ew courses required in dents, it was identified the students by explanation of the students b	nprovement. that additional for ining the importa- oject assessment a Java and Data St	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills.
these to one's own work, a 2016-2017 It was observed that still for After interacting with stude Action Taken More Focus on motivating Create awareness on project Conduct workshop on Pro-	ew courses required in dents, it was identified the students by explanation of the students b	nprovement. that additional for ining the importa- oject assessment a Java and Data St	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills.
these to one's own work, a 2016-2017 It was observed that still for After interacting with study Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learnin	Target gew courses required in dents, it was identified by explain the students by explain the solving using C. Target g: Recognize the need	nprovement. that additional for ining the importa- oject assessment a Java and Data St	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills.
chese to one's own work, a 2016-2017 It was observed that still for the Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learning broadest context of technology.	Target g: Recognize the need ological change.	nprovement. that additional footining the importance of the import	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills. Observation e preparation and ability to engage in independent and life-long learning in the
these to one's own work, a 2016-2017 It was observed that still for After interacting with stude Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learning broadest context of technology 2016-2017	Target g: Recognize the need ological change. 60 Tew courses required in the determination of the students by explain the students by explain the solving using C. Target 65	nprovement. that additional for ining the important oject assessment a Java and Data St Attained I for, and have the	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills.
these to one's own work, a 2016-2017 It was observed that still for the Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learning broadest context of technology.	Target g: Recognize the need ological change. 60 Tew courses required in the determination of the students by explain the students by explain the solving using C. Target 65	nprovement. that additional for ining the important oject assessment a Java and Data St Attained I for, and have the	cus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills. Observation e preparation and ability to engage in independent and life-long learning in the
these to one's own work, a 2016-2017 It was observed that still for Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learning broadest context of technology and project Conduct was observed that still the Action Taken	Target g: Recognize the need ological change. 65 few courses required in dents, it was identified by explain the students by explain the solving using C. Target g: Recognize the need ological change. 65 few courses required in the solving the solving using C.	provement. that additional formining the important object assessment a Java and Data St Attained for, and have the object assessment a second of the formining the important object assessment a second of the formining the important object assessment and the object assessment and the object assessment and the object assessment object obje	eus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills. Observation e preparation and ability to engage in independent and life-long learning in the Target reached
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these to one's own work, a 2016-2017 It was observed that still for After interacting with study Action Taken More Focus on motivating Create awareness on project Conduct workshop on Property PO PO12: Life-long learning broadest context of technology 2016-2017 It was observed that still to Action Taken Encourage students to party Provide library hours. Conduct association active Conduct self learning contexts	Target g: Recognize the need ological change. 65 few courses required in dents, it was identified by explain the students by explain the solving using C. Target g: Recognize the need ological change. 65 few courses required in the students in workshops wities. urses.	provement. that additional form ining the important operation of the important operation operation of the important operation operation of the important operation o	eus required on development of communication skills. nce of doing internship and project work. nd evaluation committee. ructures. It also helps in improve the programming skills. Observation e preparation and ability to engage in independent and life-long learning in the Target reached

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skills using different prog 2016-2017	70	68.62	- T
It was observed that still	few courses required is	00.02	Target not reached
Action Taken	rew courses required if	nprovement.	
Conduct more number of	classes /tutorials to str	engthen the course	es.
Conduct workshop on Pro	oblem Solving and Dat	a Structures to im	prove Programming Skills& Logical Thinking Ability.
PSO	Target	Attained	Prove Flogramming Skills& Logical Thinking Ability.
SO2: Data Engineering	To inculcate on shill	Attailled	Observation sign and implement data driven applications into the students.
016-2017	5. To medicate an abili	ty to Analyse, De	sign and implement data driven applications into the students
Was observed that will o	70	64.79	Target not reached
was observed that still f	ew courses required in	64.79	Target not reached
was observed that still f	ew courses required in	64.79 aprovement.	Target not reached
t was observed that still faction Taken	ew courses required in	nprovement.	Target not reached
t was observed that still faction Taken Conduct workshop on Pro	ew courses required in	provement.	• Target not reached
t was observed that still faction Taken Conduct workshop on Pro	ew courses required in	provement.	• Target not reached
t was observed that still faction Taken Conduct workshop on Pro	ew courses required in	provement.	• Target not reached
t was observed that still faction Taken Conduct workshop on Pro- conduct workshop on Pro- conduct Thinking Ability.	blem Solving and Data blem solving using C,	provement.	• Target not reached
t was observed that still faction Taken Conduct workshop on Pro- conduct workshop on Pro- conduct Thinking Ability. SO	blem Solving and Data blem solving using C,	a Structures. Java and Data Structures	uctures. It also helps in improve the programming skills Programming Skills &
t was observed that still faction Taken Conduct workshop on Product workshop on Product and Thinking Ability. SO	blem Solving and Data blem solving using C,	a Structures. Java and Data Structures	uctures. It also helps in improve the programming skills Programming Skills &
t was observed that still faction Taken Conduct workshop on Pro- conduct workshop on Pro- conduct Thinking Ability. SO	blem Solving and Data blem solving using C,	a Structures. Java and Data Structures	uctures. It also helps in improve the programming skills Programming Skills &
t was observed that still faction Taken Conduct workshop on Proceedings of Procee	blem Solving and Data blem solving using C, Target Pring: Develop an ability of the control of the contro	a Structures. Java and Data Structures	uctures. It also helps in improve the programming skills Programming Skills &
t was observed that still faction Taken Conduct workshop on Proceedings of Procee	blem Solving and Data blem solving using C, Target ering: Develop an ability software products.	Attained Attained	Observation various processes / methodologies /practices employed in design, validation
t was observed that still faction Taken Conduct workshop on Proceedings of Procee	blem Solving and Data blem solving using C, Target ering: Develop an ability software products.	Attained Attained	uctures. It also helps in improve the programming skills Programming Skills &
t was observed that still faction Taken Conduct workshop on Proceedings of Procee	blem Solving and Data blem solving using C, Target ering: Develop an ability software products.	Attained Attained	Observation various processes / methodologies /practices employed in design, validation
t was observed that still faction Taken Conduct workshop on Pro- conduct workshop on Pro- conduct Thinking Ability. SO	blem Solving and Data blem solving using C, Target Pring: Develop an ability software products. 70 ew courses required im	Attained ity to implement 67.98 provement.	Observation various processes / methodologies /practices employed in design, validation • Target not reached

Program coordinator