



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

#### Details of Sponsored Research Projects during A.Y.: 2012-13

##### Details of Projects Completed - 02

S.No	Dept	PI/Co-PI	Project Title / Program	Funding Agency & Scheme	Duration	Total Amount Sanctioned in Lakhs	Month & Year of Sanction
1.	EEE	Dr.Y.P.Obulesu	FPGA based Active Power filter for industrial Drives and Non-linear loads for Power Quality improvement	AICTE-RPS	2 Years	12.40	Mar-2011
<b>Other Grants</b>							
2.	CSE	Dr.S.Sai Satyanarayana Reddy	Seminar on Recent trends in service-oriented Architecture (SOA) and web services	AICTE/Seminar	16 <sup>th</sup> -17 <sup>th</sup> Aug. 2013	1.25	Mar-2013

##### Details of Sanctioned/Ongoing Projects - 12

S.No.	Dept.	PI/Co-PI	Project Title	Funding Agency & Scheme	Duration	Total Amount Sanctioned in Lakhs	Month & Year of Sanction
1.	EIE	Dr. K. Srinivasa Rao	A study on distorted structure of nano molecules by lie algebraic methods: applications to fullerene C <sub>80</sub> and its compounds	UGC-MRP	3 Years	11.383	July-2012
2.	CSE	Dr.S.Sai Satyanarayana Reddy	Cognitive and Behavioral Therapies for positional vertigo disorders	DST- CSRI	3 Years	21.10	Mar-2012
3.	ME	B.Chaitanya	Design of an Effective Visual Prosthesis Using Electroencephalographic Patterns for Estimating Stimulation Paramete	DST- CSRI	3 Years	53.20	Mar-2012
4.	IT	Dr.C.Naga Raju	Decision making system to control the human	DST- CSRI	3 Years	18.00	Feb-2012



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.Reddy Nagar, Mylavaram – 521 230, Andhra Pradesh, INDIA.

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.

### Research & Development Cell

			emotional feelings by using facial expressions				
5.	<b>EIE</b>	Dr.K.Srinivasa Rao	Lie algebraic approach to investigate the spectroscopic studies on distorted structure of Nano-bio molecules	DST -YS	3 Years	3.84	Oct-2011
6.	<b>EIE</b>	S. Durga Sailaja	Design fabrication and characterization of capacitive MEMS accelerometer	DST WoS-A	3 Years	25.85	Jun – 2011
7.	<b>EEE</b>	Dr.Y.Kusuma Latha	Power quality improvement with the design of neuro-fuzzy based active power filter for small nonlinear loads	DST WoS-A	3 Years	24.05	Jun – 2011
8.	<b>CSE</b>	B. Shyamala	Artificial Sensing Limb	DST WoS-A	3 Years	21.40	Jun-2011
9.	<b>EEE</b>	L.Jhoshtna	Discrimination of Fast Inrush Currents in A Distribution Transformer using Wavelets	DST WoS-A	3 Years	16.08	Jun-2011
10.	<b>ECE</b>	Dr.A.Narendra Babu	Seasonal and Diurnal variation of Convective Available Potential Energy (CAPE) using COSMIC/FORMOSA T# 3 observations over Tropics	DST-YS	3 Years	16.29	Nov-2010
<b>Other Grants</b>							
11.	<b>AE</b>	Dr. P. Lova Raju	Modernization of CAD/CAM Lab	AICTE/ MODROBS	2 Years	5.50	Aug-2012
12.	<b>EEE</b>	Dr. Y.P. Obulesu	Modernization of Advanced Electric Drives Lab	AICTE/ MODROBS	1 Year	6.00	Jul-2012