



## 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.: 2013-14

##### Details of Projects Completed - 07

S.No	Dept	PI/Co-PI	Project Title / Program	Funding Agency & Scheme	Duration	Total Amount Sanctioned in Lakhs	Month & Year of Sanction
1.	EIE	S. Durga Sailaja	Design, fabrication, and characterization of capacitive MEMS accelerometer	DST WoS-A	3 Years	25.85	Jun-2011
2.	EEE	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	June-2011
3.	CSE	B. Shyamala	Artificial Sensing Limb	DST WoS-A	3 Years	21.40	Jun- 2011
4.	EEE	L.Jhoshtna	Discrimination of Fast Inrush Currents in A Distribution Transformer Using Wavelets	DST WoS-A	3 Years	16.08	Jun- 2011
5.	ECE	Dr.A.Narendra Babu	Seasonal and Diurnal variation of Convective Available Potential Energy (CAPE) using COSMIC/FORMOSAT # 3 observations over Tropics	DST YS	3 Years	16.29	Nov-2010
<b>Other Grants</b>							
6.	ECE	Dr. A. Narendra Babu (ECE)	Two Day National Workshop on Atmosphere, Weather Radars and GPS: Recent Development and Future Challenges	AICTE/Seminar Grant	2 Days 21 <sup>st</sup> & 22 <sup>nd</sup> Feb. 2014	2.0	Feb-2014
7.	EEE	Dr. Y.P. Obulesu	Modernization of Advanced Electric Drives Lab	AICTE/MODROBS	1 Year	6.00	July-2012



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#### Details of Sanctioned/Ongoing Projects - 09

S.No.	Dept.	PI/Co-PI	Project Title	Funding Agency & Scheme	Duration	Total Amount Sanctioned in Lakhs	Month & Year of Sanction
1.	AE	Dr. P. Lova Raju	Modernization of CAD/CAM Lab	AICTE/ MODROBS	2 Years	5.50	Aug-2012
2.	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
3.	CSE	Dr.S.Sai Satyanarayana Reddy	Cognitive and Behavioral Therapies for positional vertigo disorders	DST-CSRI	3 Years	21.10	Mar-2012
4.	ME	B.Chaitanya	Design of an Effective Visual Prosthesis Using Electroencephalographic Patterns for Estimating Stimulation Parameters	DST-CSRI	3 Years	53.20	Mar-2012
5.	IT	Dr.C.Naga Raju	Decision making system to control the human emotional feelings by using facial expressions	DST-CSRI	3 Years	18.00	Feb-2012
6.	EIE	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
7.	FED	K. Jhansi Rani	Convective MHD Flow Mass Transfer past porous boundaries	DST WoS-A	3 Years	14.16	Sep-2011
8.	IT	K.Lavany	Design and development of	DST WoS-A	3 Years	24.05	July-2011



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		a	robust biometric tool for preventing attacks on ATM customers				
<b>Other Grants</b>							
9.	<b>AE</b>	Dr. P. Lova Raju	Modernization of CAD/CAM Lab	AICTE/ MODROBS	2 Years	5.50	Aug-2012