



LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram -521 230, Krishna Dist., A.P.
 Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi.
National MEMS Design Center (NMDC)

Details of Student Activities during the A.Y.: 2014-15

- i) No.of Main Projects : 06
 ii) No.of Paper Publications : 02

MAIN PROJECTS

A.Y:2014-15			
1.	Modelling & Simulation of RF MEMS Switch	11761A1035 12765A1012 12765A1007	Dr.K.SrinivasaRao
2.	Design, Simulation and Analysis of MEMS cantilever beams for Bio-sensing Applications	11761A1028 11761A1007 11761A1045	Mr.G.MallikarjunaRao
3.	Design and Magnetic Force Analysis of Axial Magnetic Bearings	11761A1029 12765A1001 11761A1046	Mrs.V.Vineela
4.	Modelling, Simulation & Analysis of Pressure Sensor	11761A1013 12765A1011 12765A1002	Ms.P.Bhavya
5.	Influence of crystallization on dielectric properties of Phosphate based Glasses	11761A1039 11761A1036 10761A1020	Dr.T.Satyanarayana
6.	MEMS based capacitive sensor for detection of ethylene gas	11761A1016 11761A1020 10761A1032	Mr. M. VasuBabu

PAPER PUBLICATONS

S.No	Title of the Paper	Journal, Vol., Year, Page No.	Roll No
A.Y: 2014-15			
1.	Design, Simulation And Analysis of Highly Sensitive MEMS Cantilever Beams Using COMSOL Multiphysics	International Journal of Informative & Futuristic Research ISSN:2347-1697 Vol.2,Issue 10 June	11761A1028 11761A1007
2.	Generation of Biological energy Using Vegetable Gas	IEEE Sponsored 9th International Conference on Intelligent Systems and Control (ISCO)2015	11761A1039 11761A1040