



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 Faculty Contribution during the A.Y.: 2013-14

i) No.of Paper Publications : 03

ii) Papers @ Conferences/Symposiums : 05

PAPER PUBLICATONS

S.No	Title of the paper	Name of the journal, Vol. No., page No., Year	Name of The Author
1.	Design and Analysis of Micro Resistor Beam by using COMSOL	International journal of Advanced Scientific Engineering and Technology Research, 2(1), 7-2013.	Dr.K.Srinivasa Rao
2.	Design and Simulation of Micro Electro Wetting Liquid lens for miniature cameras	J. Science and Research, Vol.2, Issue 2, Feb. 2013, ISSN: 2319-7064, pp. 180-185.	Dr. T. Satyanarayana
3.	Design and Simulation of Micro Resistor Beam using COMSOL	Int. J. Advanced Scientific Engineering & Technological Research, 2(1), P. 1-7 (ISSN: 1839-7239).	Dr. T. Satyanarayana

PAPERS Presented at Conferences

S.No	Title of the paper	Name of the programme & Duration with Date Host Institution	Name of The Faculty
1.	Design and simulation of nuclear radiation based energy harvesting	IEEE Sponsored International Conference on Smart Systems (ICSS) Dec 19th & 20th, 2013 JBIT, Hyderabad	Dr.K.Srinivasa Rao
2.	Design and analysis of water hammer in a network of pipeline intersections	IEEE Sponsored International Conference on Smart Systems (ICSS) Dec 19th & 20th, 2013 JBIT, Hyderabad	Dr.K.Srinivasa Rao
3.	Design and simulation of microactuator and micro needle of MEMS based blood sampling device	IEEE Sponsored International Conference on Smart Systems (ICSS) Dec 19th & 20th, 2013 JBIT, Hyderabad	Dr.K.Srinivasa Rao
4.	Design and Simulation of Piezoelectric Actuated Microgripper	IEEE Sponsored International Conference on Smart Systems (ICSS) Dec 19th & 20th, 2013 JBIT, Hyderabad	Dr.K.Srinivasa Rao
5.	Design and Simulation of Wetting Lens for Pinhole Cameras of a Two Phase Flow System	INTERNATIONAL COMSOL Conference 2013 held on 17th & 18th October 2013 Bangalore	Dr.T.Satyanarayana