



## 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.: 2017-18

i) No.of Paper Publications : 03

ii) Papers @ Conferences/Symposiums : 03

#### PAPER PUBLICATONS

| S.No | Title of the paper   | Name of the journal, Vol. No., page No., Year  | Name of The Author                                      |
|------|--|--|---|
| 1.   | The Effect of High Voltage Impulses on PVC-Graphite Polymer Thick Film Resistors | Materials Today: Proceedings,ICMPC-2018.   | Dr. Ram Babu,<br>Dr. B.Poornaiah<br>Dr T. Satyanarayana |
| 2.   | Modeling of Surface Assimilation of Water in Load Lock VacuumSystem              | International Journal of Applied Engineering Research (IJAER).   | Dr T. Satyanarayana<br>Dr. Ram Babu,,<br>G.Anusha       |
| 3.   | Paper Based PIEZORESISTIVE Sensor Using MEMS                                     | International journal of innovative research in Electrical , Electronics, Instrumentation and Control Engineering. | Prof.G.Mallikarjuna Rao<br>K.Pavani                     |

#### PAPERS Presented at Conferences

| S.No | Title of the paper   | Name of the programme & Duration with Date Host Institution   | Name of The Faculty                 |
|------|--|---|-------------------------------------|
| 1.   | "Influence of ZnO on Bioactivity of P2 O5 -CaO-Na2O-K2O Glasses" | UGC sponsored National Seminar on Physics and Chemistry of Non-Crystalline Materials (PCNCM-2017) organized by Physics and Chemistry Departments of KVR College Nandigama during 1 <sup>st</sup> and 2 <sup>nd</sup> December 2017. | Dr.T.Satyanarayana                  |
| 2.   | "Design and Simulation of Nanorods for Display Applications"     | UGC sponsored National Seminar on Physics and Chemistry of Non-Crystalline Materials (PCNCM-2017) organized by Physics and Chemistry Departments of KVR College Nandigama during 1 <sup>st</sup> and 2 <sup>nd</sup> December 2017. | Dr.B.Ram Babu<br>Dr.T.Satyanarayana |
| 3.   | Design and modelling of Nanorods for display applications        | International innovations in electrical, electronics, power smart grids & advanced computing technologies (IEEPS-2018), 9 <sup>th</sup> & 10 <sup>th</sup> March  | Dr.T.Satyanarayana<br>G.Anusha      |