



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.: 2018-19

i) No.of Paper Publications : 08

ii) Papers @ Conferences/Symposiums : 02

PAPER PUBLICATONS

S.No	Title of the paper	Name of the journal, Vol. No., page No., Year	Name of The Author
1.	Spectroscopic and electrochemical investigations on LiCr _x Mn _{2-x} O ₄ cathodes for rechargeable battery application	Materials Research Express, 6 (8), 1-12, 2053-1591, May-2019.	Dr.T. Satyanarayana
2.	Role of molybdenum ions in lead zinc phosphate glass system by means of dielectric studies	Materials Science-Poland, 36 (4), 623-629, 2083-134X, Dec-2018.	Dr.T. Satyanarayana
3.	Modeling and Simulation of MEMS Comb Accelerometer for Sensitivity Improvement	International Journal of Innovative Technology and Exploring Engineering (IJITEE), 8 (8), 2578-2583, 2278-3075, June 2019.	Dr.T. Satyanarayana Anusha Ganta
4.	The Effect of High Voltage Impulses on PVC-Graphite Polymer Thick Film Resistors	Materials Today Proceedings, 5 (9), 20322-20325, 2214-7853, Aug-2018.	Dr.Rambabu Busi Dr.B.Poornaiah Dr.T. Satyanarayana
5.	Studies on the Thermal Variations of Resistance of PVC-Graphite Thick Film Resistors,	Material Today Proceedings, 11 (1), 1011-1014, 2214-7853, Apr-2019.	Dr. Poornaiah Billaa
6.	Design and Modeling of NANO rods for Display Applications	International Journal of Applied Engineering Research, 13(10), 119-122, 0973-4562, Nov-2018.	T. Satyanarayana, G. Anusha ,Rambabu. Busi,
7.	structural Investigation On Bio Activity Of P2o5-CaO--Na2O-K2O:MgO Glasses	ICONN 2019, Jan-2019.	Dr.T.Satyanarayana
8.	Modeling And Simulation Of MEMS Based Pressure Sensor For Industrial Applications, ,	ICONN 2019, JAN-2019.	Dr.T.Satyanarayana. Dr.Rambabu Busi G.Anusha

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 Modelling of NANO rods for Display Applications	International innovations in electrical, electronics, power smart grids & advanced computing technologies (IEEPS-2018), November 2018, Hyderabad.	Dr.T.satyanarayana Dr.B.Poornaiah Mrs.G.Anusha
2.	An Efficient and Dynamic Query Compressive Wireless	1st International Conference in Advanced Communication Technologies on (ICACT 19), Sir C R Reddy College of Engineering, Eluru.	Dr.Rambabu Busi