

Faculty Contribution

Academic Year	Paper Publications	Papers presented in Conferences	Details
2021-22	07	04	Click Here



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.

Accredited by NAAC, NBA Tier-1 for CSE, IT, ECE, EEE & ME and “CPE” status by UGC.

Department of Electronics and Communication Engineering

National MEMS Design Centre (NMDC)

Details of Faculty Contribution during the A.Y.:2021-22

i) No. of Paper Publications : 07

ii) No. of Papers presented in Conferences : 04

Paper Publications

S.No	Authors Names	Title of Paper	Details	Indexing
1.	Dr.T. Satyanarayana	Study of statistical estimated parameters using ERA5 reanalysis data over Khulna Region during Monsoon Season	Acta Geophysica , 69(5), Aug-21, ISSN: 1963-1978, pp. 19631978 , DOI: 10.1007/s11600-02100662-x	SCI
2.	Dr.T. Satyanarayana	Optimization of bimorph cantilever based piezoelectric energy harvester for high efficiency	Materials Today: Proceedings, 14-072021 (Online) ISSN: 2237-0722, 10.1016/j.matpr.2021.07.054	SCOPUS
3.	Dr.T. Satyanarayana	Dielectric Investigations on metal (Ni and Cu) tetrahydroxy phenyl porphyrins in PMMA polymer matrix.	Material Today Proceedings, 50 pp.371-374, ISSN: 2237-0722, DOI: DOI:10.1016/j.matpr.2021.10.027	SCOPUS
4.	V. Ravi Sekhara Reddy	Design of Dipole Aerial by using COMSOL Multi Physics Software	Materials Today: Proceedings, 06-082021, ISSN: 2237-0722, 10.1016/j.matpr.2021.07.278	SCOPUS
5.	Dr.T. Satyanarayana	Seasonal Variations of Lightning Activity over Uttar Pradesh during 1998	AIP Conference Proceedings, ISSN: 1551-7616, 05 August 2021	SCOPUS
6.	Dr.T. Satyanarayana	Study of rainfall over patna region, India during 2013	AIP Conference Proceedings, ISSN: 1551-7616, 05 August 2021	SCOPUS
7.	A.Uday Kumar	Modeling and Investigation on Mixing characteristics of T & YShaped Micromixers for Microfluidic devices	Materials Today: Proceedings, 06-122021, ISSN: 2237-0722, 10.1016/j.matpr.2021.07.278	SCOPUS

Papers presented in Conferences/Symposium-04

S.No	Title of the paper	Name of the programme & Duration, Host Institution	Name of The Faculty
1.	Modeling and Investigation on Mixing Characteristics of T & Y-Shape Micro mixers for Micro fluidic Devices.	Third International Conference on Recent Advances in Materials and Manufacturing Technologies (ICRAMM 2021), Department of Mechanical Engineering, D Y Patil College of Engineering and Technology, Kolhapur, Maharashtra, India during 25-26, November 2021.	Dr.T.satyanarayana Mr.A. Uday Kumar
2.	Dielectric investigations on metal (Ni and Cu) tetrahydroxy phenyl porphyrins in PMMA polymer matrix.	5th International Conference on Recent Advances in Material Chemistry (ICRAMC 2021).	Dr. T.Satyanarayana
3.	Modelling Investigations on Efficiency of Miniaturized Piezoelectric Energy Harvester	IEEE Sponsored Second International Conference on Advances in Electrical, Computing, Communications and Sustainable Technologies (ICAECT 2022), Department of Electrical and Electronics Engineering, Shri Shankaracharya Technical Campus (SSTC), Bhilai, Chhattisgarh, India during 21 - 22, April 2022..	Dr. T.Satyanarayana
4.	Design and Displacement Sensitivity Analysis of Micro scale Piezoresistive Cantilever		Dr. T.Satyanarayana Dr.Rambabu Busi