



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.

Research & Development Cell

Freshman Engineering Department

Publications for Academic Year: 2020-21

S.No.	Name(s) of the Authors	Title of the Paper	Name of the Journal & Details	Indexing
1	G. KrishnaPriya, S.Yusub , A. RameshBabu, N. SreeRam, K. RamaKrishna, V.Aruna	The eminence of copper ions on optical, electrical properties and morphology of B2O3-Bi2O3-Al2O3-MgO glasses	Journal of Non-Crystalline Solids, 564, 1, October2021, 1-10, 0022-3093.	SCI
2	Ch.V. Ramana Murthy, Y.P.C.S. Anil Kumar	Heat and Mass Transfer Effects on Semi Infinite Moving Surface Studed in a Stratified Porous Medium	Solid state technology, 63, 4, Oct. 2021, 2852-2862, 0038-111X.	Scopus
3	Ch.V. Ramana Murthy, Vijay Kumar.D	The Case Of Exponentially Decreasing Suction With Mhd Effects In Flow Through A Porous Channel	International Journal of Advanced Research in Engineering and Technology (IJARET), 11, 10, Oct.2021, 171-179,0976-6499	Scopus
4	K.R. Kavitha , Ch V Ramana Murthy, N. Swami Kallepalli	Flow Past a Vertical Porous Surface under Fluctuating Thermal and Mass Diffusion with MHD Effects	Journal of Mathematical and Computational Science(JMCS),10, 220, November 2020, 2955-2970, 1927-5307	Open Access
5.	K.R. Kavitha , Dr.Ch V Ramana Murthy,	Contribution of Porosity and Time over a Moving Porous Vertical Surface with Uniform Heat Flux.	Solid State Technology, 63, 5, September 2020, 371-384,0038-111X	Scopus
6	Shaheda Niloufer & Lakkakula Bhagya Lashmi	In-vitro Analysis of Phytochemical, Anti-oxidant capacity of seed Ethanolic extracts of Sapindus saponaria Vahl and Anti-bacterial activity on Common Dental Pathogens	Research Journal of Pharmacy and technology, 14, 1, Jan-2021	Scopus



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7.	Ch V Ramana Murthy, K. Jhansi Rani , N Swamy Kallepalli	Film Thickness within a Fixed Vertical Circular Cylinder	Design Engineering, 2021, 6, June- 2021,1773-1781,0011- 9342	Scopus
8.	K. Gangadhar , K. Bhanu Lakshmi , T. Kannan , and Ali J. Chamkha	Entropy Generation in Magnetized Bioconvective Nanofluid Flow Along a Vertical Cylinder with Gyrotactic Microorganisms	Journal of Nano-fluids, 9,4, June-2021, 302-312, 2169-432X.	Scopus
9.	Lakkakula Bhagya Lakshmi and M.Raghu Ram	Isolation And Characterization Of Fungal Lipase Strain from Oil Spilled Soils	International Journal of Modern Agriculture, 10, 1, Feb-2021, 482-489, 2305-7246.	Web of Sciences
10.	Lakkakula Bhagya Lakshmi , Amrutha v audipudi	Biochemical Characterization of Extracellular Lipase from an Improved Strain of Penicillium Citrinum KU613360	Annals of the Romanian Society for Cell Biology, 25, 6, May-2021, 7758- 7770, 1583-6258.	Scopus
11.	Radha Rani Tammileti , Gangadhara Rao Ankata, Mariseti Sowjanya, Chebiyyam Srimannarayana	F-Semi primeideal In Semi Groups	Journal of Advanced Research in Dynamical and Control Systems (JARDCS), 12, 2, September-20, 1056- 1062, 1943-023X.	Scopus
12.	Mariseti Sowjanya, Gangadhara Rao, Radha Rani Tammileti	Results on Generalized Regular and Strongly Regular Near-Rings	Turkish Journal of Computer and Mathematics Education, 12, 5, April-2021, 846- 851, 1309-4653.	Scopus
13.	Radha Rani Tammileti , Mariseti Sowjanya, Gangadhara Rao	f-Primary ideals in Semi Groups	Turkish Journal of Computer and Mathematics Education, 12, 5, April-2021, 857- 861, 1309-4653.	Scopus
14.	Nori.Timmeswara Sarma , Fakruddin BabavaliS.K, Naresh.P, SrinivasuC.H,	Analytical study of thermodynamic quantities with surface tension and Debye	Materials Today: Proceedings, 43, 5, April- 2021, 3125-3128, 2214- 7853.	Scopus



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		temperature variations in Quinoline & p-Xylene at T = 303.15 K to 318.15 K		
15	B. Samrajya Lakshmi	A Study of The Novel 'The Immortals of Meluha' in Amish Tripathi's Shiva Trilogy	The Literary Herald, 6,4, Dec.2020, 113-128, 2454-3365	Open Access
16	B. Samrajya Lakshmi	Humanism, Myth, and Science in Amish Tripathi's Novels of Shiva Trilogy	The Literary Herald, 7,1, June.2021, 45-57, 2454-3365	Open Access
17	B. Samrajya Lakshmi	A Study of The Novel 'The Secret of The Nagas' In Amish Tripathi Shiva Trilogy	The Literary Herald, 6,6, February.2021, 41-63, 2454-3365	Open Access
18	B. Samrajya Lakshmi	A Study Of The Novel 'The Oath of the Vayuputras' in Amish Tripathi's Shiva Trilogy	The Literary Herald, 6,6, February.2021,86-100, 2454-3365	Open Access

Conference Publications:

S.No.	Name(s) of the Authors	Title of the Paper	Name of the Conference & Details	Indexing
1	P.V.N.Kishore, N. Aruna, K. Chitti babu, J. Ashok	Multi U-bent cladde POF sensors for refractive index measurement	Proceedings of SPIE, 11772, 11772-OU-1, April-2021, 1996-756X	Scopus indexed Proceedings
2	N.Aruna, P.V.N.Kishore, K. Chitti babu, J. Ashok	Detection of copper by localized surface plasmon resonance based fiber optic technique	Proceedings of SPIE, 11772, 11772-OI-1, April-2021, 1996-756X	Scopus indexed Proceedings