

ADITYA

COLLEGE OF ENGINEERING & TECHNOLOGY

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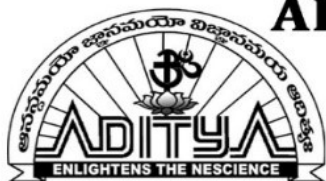
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Recognized by UGC Under Section 2(f) and 12(B) of the UGC Act, 1956

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ADITYA COLLEGE OF ENGINEERING & TECHNOLOGY(A) (An AUTONOMOUS Institution)

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DEPARTMENT OF HUMANTIES AND BASIC SCIENCES-2

RESEARCH PUBLICATIONS

ACADEMIC YEAR: 2023-24

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	SCI/Scopus/UGC	URL/DOI
01	Dr. B. S. N. Murthy	Exploring the dynamics of white noise and spatial temporal variations on hearing loss due to mumps virus	Results in Physics	2211-3797	51/Aug	SCI	10.1016/j.rinp.2023.106584
02	Dr. B. S. N. Murthy	The influence of time delay and Gaussian white noise on the dynamics of tobacco smoking model	Chaos, Solitons and Fractals	0960-0779	173/ Aug	SCI	10.1016/j.chaos.2023.113616

03	Dr. B. S. N. Murthy	Effect of Delay in SMS Worm Propagation in Mobile Network with Saturated Incidence Rate	Wireless Personal Communications	0929-6212	131/Jul	SCI	10.1007/s11277-023-10451-y
04	Dr. B. S. N. Murthy	Analysis of Delay-Aware Worm Propagation Model in Wireless IoT Systems With Ratio-Dependent Functional Response	IEEE Access	2169-3536	11/Apr	SCI	10.1109/ACCESS.2023.3264978
05	Dr. B. S. N. Murthy	Transmission Dynamics and Control of COVID-19: A Mathematical Modelling	Journal of Applied Nonlinear Dynamics	2164-6457	12(2)/Apr	SCI	10.5890/JAND.2023.06.015
06	Dr. B. S. N. Murthy	A probabilistic model of competitive multi-ecological interactions for analyzing the impact of noise within sight of aquatic hyacinth	Decision Analytics Journal	2772-6622	07/Jun	SCOPUS	10.1016/j.dajour.2023.100231
07	Dr. B. S. N. Murthy	Mathematical Analysis of Noise Induced Social Networking Game Addiction Disease Model	European Chemical Bulletin	2063-5346	12(si-1)/Jun	SCOPUS	10.31838/ecb/2023.12.sa1.152
08	Dr. B. S. N. Murthy	Spatial Temporal Variations of Water Hyacinth in a Delayed Fisheries System	European Chemical Bulletin	2063-5346	12(si-4)/Jul	SCOPUS	doi: 10.48047/ecb/2023.12.si4.366
09	Dr. B. S. N. Murthy	Analysis of Noise Induced Allelopathic Prey-Predator System with Ergodic Behavior	Palestine Journal of Mathematics	2219-5688	12(1)/ Apr	SCOPUS	https://pjm.ppu.edu/sites/default/files/papers/PJM_Feb_2023_588_to_599.pdf

10	Dr M Nookaraju	Synthesis, Spectral and Electrochemical behavior of Co (II) Complexes with New Schiff Base Ligands in Non-aqueous media at the Surface of Solid Electrode	European Chemical Bulletin	2063-5346	12(10)/Jul	SCOPUS	10.48047/ecb/2022.12.10.6092023.31/07/2023
11	Dr G Prakash	Studies of Ayurvedic polyherbal formulations and its spectral characteristics	European Chemical Bulletin	2063-5346	12(si-4)/Jul	SCOPUS	10.48047/ecb/2023.12.si4.1737
12	Dr G Prakash	Land resource management and planning using remote sensing and geographic information systems	Journal of Data acquisition and processing	1004-9397	38(3)/ May	SCOPUS	10.5281/zenodo.7778401
13	Dr G Prakash	Comprehensive research on clinical applications of green synthesized nano particles	Journal of Clinical Otorhinolaryngology, Head, and Neck Surgery	1001-1781	27(2)/Jul	SCOPUS	https://www.lcebyhkzz.cn//article/view/2023/02_505.php

Faculty in charge

HOD