Faculty Achievements-A.Y-2023-24

Faculty Patents

A.Y: 2023-24

S.No.	Staff Name	Patent Details	Status
1	1 . Dr. Karimisetty Sujatha 2 . Dr. P. Harini **3 . Mrs. T. Satya Nagamani** **4 . Mrs. G. Krishnaveni** 5 . Mrs. N. Radhika 6 . Mrs. K. Divya Kalyani 7 . Dr. Vemuri Sailaja 8 . Dr. Bathina Rajesh Kumar 9 . Dr. M. Sailaja 10 . Mr. Subhakara Rao Gattupalli 11 . Dr. Umakanta Choudhury	Application Number : 202341050566 Publication Date : 01-09-2023 Publication Type : India Title: : Next-generation AI Chatbot with Advanced Language Understanding and Generation Capabilities	Published

Faculty wise list of Books / chapters A.Y 2023-24

S.No	Name of the Faculty	Title of the Book / chapter	Book/Chapter
1.	Dr.K.Satyanarayana	Computational Analysis and Identification of Specific MMP Targets in Tumors at Multiple Stages	Book Chapter
2.	V.Gopinath	Leveraging Blockchain For Securing And Managing Medical Iot Data	Book Chapter
3.	V.Gopinath	DEVOPS in Action-A Practitioners Approach	Book
4.	B.Ramesh Babu	Social Networking Sites as a Digital Tool for E-Recruitment Success	Book

Computational Analysis and Identification of Specific MMP Targets in Tumours at Multiple Stages

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Abstract: There is growing consensus that matrix metalloproteinase (MMP) inhibitors, both naturally occurring and man-made, can be effective cytostatic and anti-antigenic therapeutic targets in the fight against cancer. Because of their significance in cancer, many inhibitors are currently undergoing clinical studies. The analysis produces computational dock scores, which are then compared to experimental values, and used to generate further graphs, charts, and observations. LOO (leave-out-one) is the basis for the model's cross-validation. We will use the r2 value (correlation coefficient) and the RMSE (root mean square error) to assess the QSAR model's quality.

Keywords: MMP inhibitors, PRESS, Leave-out-one (LOO), QSAR, Root mean square error etc.

1. Introduction

Matrix metalloproteinases (MMPs) are in the met zinc superfamily. These MMPs bind zinc at the catalytic site are collagenases, matrilysins, stromelysins, gelatinases, membrane-associated MMPs, and other MMPs that aren't listed above.

EDITORIAL BOARD MEMBERS

Every software industry migrates towards DevOps implementation due to its vast advantages over traditional software process models. DevOps must-have skill for an undergraduate student/Engineer. As per UGC guidelines, there is a need to add skill- or job-oriented courses to the curriculum. So, many universities include DevOps courses in their University Curriculum. But the students and faculty resources are minimal. So, there is much scope for the student community to have textbooks on DevOps.
The Book is Helpful, mainly for JNTUK, JNTUH, JNTUA, MallaReddy University, Andhra University, and various autonomous colleges in and around Andhra and Telangana.

Gopinath Velivela
Krishnarao Sala

DevOps in Action

A Practitioner's Approach

I have worked as an Assistant Professor in the Department of Information Technology, Sir C R Reddy College of Engineering, Eluru. I have completed my under graduation from Andhra University and Graduation from Vignan's Foundation for Science & Technology. I have vast experience in Software Engineering and The upcoming Process Methodologies.

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LAP LAMBERT Academic Publishing

Investigates the efficacy of E-Recruitment via social networking sites, focusing on engineering students from AICTE-approved institutions and HR recruiters in Andhra Pradesh. Key highlights include a comprehensive analysis of the impact of E-Recruitment methods, the matching of skills and job requirements, and the overall satisfaction of both job seekers and recruiters. The study sheds light on the evolving landscape of talent acquisition, providing insights that can enhance the recruitment process for the engineering sector in Andhra Pradesh.

Y V NAGA KUMARI
B RAMESH BABU

Social Networking Sites as a Digital Tool for E-Recruitment Success

Dr. Y V NAGA KUMARI boasts more than 13 years of extensive experience, spanning both the realms of teaching and industry. She has spent an impressive 119 years as an Assistant Professor in the Department of Business and Management Studies at Seshadri Rao Gudlavalleru Engineering College in Gudlavalleru since 2012.

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