NEWS LETTER OF INFORMATION TECHNOLOGY
SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN
AUTONOMOUS
Vishnupur, Bhimavaram – 534202

Identity

TOPICS INSIDE

Vishnotsav2k18

Faculty Development Programs

Workshops organized

Journals

Internships

Acheivements

EDITORIAL BOARD

CHIEF EDITOR

Dr.D.Venkata Naga Raju
Professor&HOD

EDITOR

Mr.P .Venkata Rama Raju
Professor

MEMBERS

Dr.A. Sri Krishna
Assoc Professor

Mr.K.Lakshmipathi Raju
Assistant Professor

EDITOR'S MESSAGE

This Editorial Board is Glad to release the current issue of Identity .This News Letter Identity provides a perfect platform to highlight the literary and artistic segments of the IT Department. The purpose of this News Letter is to unlock the hidden potential within the students and helped the students for self motivation.

HOD'S DESK

I take an opportunity to congratulate all who involved in design of this news letter .Our Experienced faculty are the strong pillars of the department whose focus is to empower a diverse community of students to nurture their capabilities, transform their life and find success through high quality teaching.

VISHNOTSAV 2k18

Graduation is getting a diploma or academic degree or the ceremony that is sometimes associated with it, in which students become graduates. IT department successfully graduated over 100 students

FDP'S/ W ORKSHOPS/ SEM INARS

- Mr.H.C.P.Pavan Kumar Attended Amazon's Alexa Workshop & Hackathons for building voice based Application at Sandbox Start-ups on August 17 & 18, 2018

- "Start up Boot Camp" organized by Dr.D.V.Naga Raju for II & III B.Tech students of SVECW on 08.09.2018.The Resource Persons are 1.Mr.T.Vasu,Senior Software Engineer, Fission Labs and Co-founder of Infinity Next 2. Mr.Harsha, Co-founder of I-Stopper Media

- "Hackathons-Web Development" is organized by Dr. D.V.Naga Raju on 11.09.2018 for III IT Students of SVECW

- Mrs.K.Spandana Attended workshop on "Women Empowerment" at Vijayawada from 27.10.2018-28.10.2018

- IOT Workshop was conducted by Dr.D.V.Naga Raju and Mr.G.Tej Varma for IT, CSE,ECE and EEE Students (overall 212 students) from 20-23 Dec, 2018 and 27-30 Dec, 2018 at SVECW

JOURNALS

- Dr.J.Hari Kiran published a Research paper in Springer Smart Innovation, Systems and Technologies titled "Dimensionality Reduction Using Subset Selection Method in Framework for Hyper spectral Image Segmentation" , Page No.'s: 487-493,Volume-105,Springer,Singapore,November 2018, DOI: https://doi.org/10.1007/978-981-13-1927-3_52, Online ISBN:978-981-13-1927-3.

- Dr.J.Hari Kiran published a paper titled "A Novel Approach for Feature Selection and Classifier Optimization Compressed Medical Retrieval Using Hybrid Cuckoo Search" in Indonesian Journal of Electrical Engineering and Informatics (IJEEI) with Vol. 6, No. 4, Page No. 410-417, December 2018,ISSN: 2089-3272, DOI:10.11591/ijeei.v6i1.584,Journalhomepage:http://section.iaesonline.com/index.php/IJEEI/index.

- Dr.J.Hari Kiran & and Mr.H.C.P.Pavan Kumar published an Article in CSI Communication-Technical Trends, December 2018 titled "Microarray Image Analysis using Non Hierarchical Clustering Algorithm in MATLAB".

INTERNSHIPS

➢ P. Mahabooba Sulthana selected for internship in Infosys for span of six months.

➢ A.Yerusha, K.Hari Sree , M.Sravya, P.V.Deepika and P.Sai Renuka are selected for internship in Value Labs for span of six months.

STUDENT ACHEIVEMENTS

➢ K.Reshma has bagged first prize in Aurdino challenge at TechFest 2K19 conducted by C.R Reddy engineering college, Eluru.

➢ G.SaiRoja Sri Durga(16B01A1233) participated in PPT titled " Sky X Technology" at the National Level Technical Paper Contest "Naledge'18" held as part of GECFEST'18 celebrations at Gudlavalleru Engineering College

M.SUSHMA

BLOCKCHAIN TECHNOLOGY

The Block chain is an encrypted, distributed database that records data, or in other words it is a digital ledger of any transactions, contracts - that needs to be independently recorded. One of the key features of Block chain is that this digital ledger is accessible across several hundreds and thousands of computers and is not bound to be kept in a single place. Block chain has already started disrupting the financial services sector, and it is this technology which underpins the digital currency- bitcoin transaction.

With *Block chain technology* in financial sector, the participants can interact directly and can make transactions across the internet without the interference of a third party. Such transactions through Block chain will not share any personal information regarding the participants and it creates a transaction record by encrypting the identifying information. The most exciting feature of Blockchain is that it greatly reduces the possibilities of a data breach. In contrast with the traditional processes, in Blockchain there are multiple shared copies of the same data base which makes it challenging to wage a data breach attack or cyber-attack. With all the fraud resistant features, the block chain technology holds the potential to revolutionize various business sectors and make processes smarter, secure, transparent, and more efficient compared to the traditional business processes

Benefits of Block chain Technology

• Increased time effectiveness due to the real-time transactions
• Direct Transactions eliminate the overheads and intermediary costs
• Reduced risks related to cybercrimes, frauds and tampering
• More transparent processes with a proper record creation and tracking
• Highly secure due to cryptographic and decentralized Blockchain protocols

Applications Of Block chain Technology In Various Industries

Block chain technology can be utilized in multiple industries including Financial Services, Healthcare, Government, Travel and Hospitality, Retail and CPG. **Financial Services:** In the financial services sector, Block chain technology has already been implemented in many innovative ways. Block chain technology simplifies and streamlines the entire process associated with asset management and payments by providing an automated trade lifecycle where all participants would have access to the exact same data about a transaction. This removes the need for brokers or intermediaries and ensures transparency and effective management of transactional data.

Healthcare: Block chain can play a key role in the healthcare sector by increasing the privacy, security and interoperability of the healthcare data. It holds the potential to address many interoperability challenges in the sector and enable secure sharing of healthcare data among the various entities and people involved in the process. It eliminates the interference of a third-party and also avoids the overhead costs. With Blockchains, the healthcare records can be stored in distributed data bases by encrypting it and implementing digital signatures to ensure privacy and authenticity.

Government: Block chain technology holds the power to transform Government's operations and services. It can play a key role in improving the data transactional challenges in the Government sector, which works in siloes currently. The proper linking and sharing of data with Blockchain enable better management of data between multiple departments. It improves the transparency and provides a better way to monitor and audit the transactions.

CPG and Retail: There is a huge opportunity for Blockchain technology to be applied in the retail sector . This includes everything from ensuring the authenticity of high value goods, preventing, fraudulent transactions, locating stolen items, enabling virtual warranties, managing loyalty points and streamlining supply chain operations.