



# PVPSIT NEWS

A Half Yearly News Letter

Department of Information Technology

PVP Siddhartha Institute of Technology

(Sponsored by Siddhartha Academy of General and Technical Education)

NBA Accredited and ISO 9001: 2008 certified Institution

Kanuru, Vijayawada- 520 007

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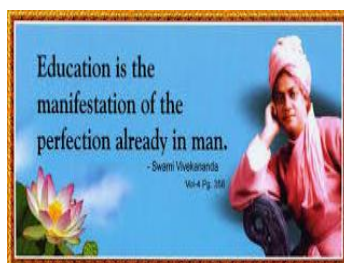
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## GUEST LECTURES/WORKSHOPS CONDUCTED BY THE DEPARTMENT

- i. A Guest Lecture on “**Improvement of Coding Skills through Java platform**” conducted for B.Tech II year students on 17<sup>th</sup> January, 2018. P.Satish, Project Manager, HCL Technologies, Hyderabad acted as a resource person.
- ii. The 2<sup>nd</sup> International Conference on “**Smart Computing and Informatics**”, jointly organised by departments of CSE&IT in association with Springer and CSI on 27<sup>th</sup> & 28<sup>th</sup> January, 2018.
- iii. A guest lecture on “**Opportunities for graduates shaping their future from day one through campus**” was organized by Industry Institute Interaction and Entrepreneurship Development Committee, Department of IT on 23.02.2018, by the resource person Siva Velaga, Engagement director TCS, U.K. Co-ordinator is Dr.P.V.S.Lakshmi.
- iv. A one-day workshop on “**Machine Learning**” was organized by Industry Institute Interaction and Entrepreneurship Development Committee on 27.02.2018 by the resource persons Mr.Srikanth Varma IISC Bangalore, Mr.Mural Krishna, ROGO Taste Buds, AI Scientist, Mr.Naveen IIIT Hyderabad and Mr.Srinivas, IIT Kharagpur for II & III B.Tech IT & CSE Students.
- v. A Technical Talk on “**How to Face Competitive Programming**” by Mr. Ram Prasad to IV B.Tech IT & CSE on 17-03-2018 organized by Coding Club, Department of IT.
- vi. A Two Day Workshop was conducted on “**Entrepreneurship Development Program**” from 13-03-2018 to 14-03-2018 by the resource persons Mr. V.Srinivasa Raju, Director, Alkyas Technologies, Vizag, Mr. K.Venkata Sainadh, IT Development Manager, Maganti IT Solutions Pvt Ltd, Vijayawada.
- vii. An address by Mr. Phani Kumar, Director, Beeta Sharp Technologies, Vijayawada, Mr. RJSV Rama Rao, Branch Manager, NSIC, Vijayawada for II and III year students. Mrs. M. Sowjanya, Mr. K.Pavan Kumar, Mrs. J.Sirisha and Mr. T.D.RaviKiran acted as Coordinators.
- viii. A Three-Day Faculty Development Program (FDP) on “**Block Chain Technology**”, jointly organized by Dept of IT & CSE from 21-03-2018 to 23-03-2018, by the resource persons Mr. V. Srinivasa Raju, Mr. G. V. Rajesh and Mr. M. V. Sridhar. The program Coordinators are Dr. P.V.S. Lakshmi and Mr. Y. Suresh, Co-Coordinator Dr. A.Haritha, Mrs. G.Lakshmi, Mr. S. Sai Kumar and Ms. K. Srivijaya.

- xi. An Awareness programme on “**Career opportunities and Pursue Higher Education in Australia**” by Alumni Mr. N. Sai Krishna, MS Australia held on 06-03-2018.
- x. 12 students of III B.Tech participated in “**STP on Python**” conducted in association with TCS from 22-04-2018 to 24-04-2018.

### PAPERS PUBLISHED BY STAFF

- i. Dr.P.V.S Lakshmi, Professor, Dr.A.Haritha and Ms.G. Lakshmi Asst. Professors presented a paper titled “User Behavioural Characteristics Identification from Mobile Call Logs” in the 2<sup>nd</sup> International Conference on Smart Computing and Informatics from 27<sup>th</sup> & 28<sup>th</sup> January, 2018 which is to be published by Springer SIST.
- ii. Mr.D.Ratnam, Asst. Professor presented a paper on International Conference at Sri Padmavathi Mahila University, Tirupathi from 06.2.2018 to 07.2.18, paper entitled “A Novel Approach on Nowmert Mining Using Dirichelet Process Mixture Modules and its Kernels”.
- iii. Mr.R.Vijay Kumar Reddy, Mr.K.Prudvi Raju, Mr.G.Venugopal, and III year students M.Anusha, Y.Swathi P.Lakshmi Deepika and P.L.J.Sravya published a paper on “A Tableau Tool for Air Branding Builds Financial Value through your Appearance and Style” in IJARCS journal Vol.9, Issue 1. Jan –Feb 2018.
- iv. Mrs. Y.Padma, Asst. Professor published a paper “An Automatic Framework for Document Spam Detection using Enhanced Context Feature Matching” in IJARCS journal Vol.9, Issue 1. Jan –Feb 2018.
- v. Mrs. Reshma Gummadi contributed a paper titled, “Prediction of passenger flow of transit buses over a period of time using Artificial Neural Network” in the third International Congress on Information and Communication Technology held at Brunel University London during 27-28 February 2018. The paper has been selected for publication in the ICICT 2018 conference proceedings by Springer AISC [ISSN Number- 2194 - 5357] as per the guidelines issued by Springer.
- vi. Mr.G.Venugopal, Asst. Professor participated in an International conference through skype @pune and presented a paper entitled, “A Survey on kernel Service in SVMS Using Distribution Classifiers”, published in UGC recognized Journal IJCMS (vol.7, Issue.2) on 11<sup>th</sup> February, 2018.
- vii. Mr. R. Vijay Kumar Reddy, Asst. Professor published a paper on “Digit Recognition using Geometrical and Hotspot Features” in JARDC Journal (Scopus Indexed) in Volume 10, Issue 3. March, 2018.
- viii. Mr. R. Vijay Kumar Reddy, Asst. Professor published a paper on “A Review on Classification Techniques in Machine Learning” in IJARSE Journal in Volume 5, Issue 3. March, 2018.
- ix. Mr.M.Sundarababu and Mr.T.D.Ravi Kiran, Asst. Professors, presented a paper titled, “Visualization of 360 View of a Customer opinions using Tableau” in International Multidisciplinary Conference on "Knowledge Sharing, Technological Advancements and Sustainable Development(IMC2k18), organized by Freshmen Engineering department, PVPSIT from 30-3-2018 to 31-3-2018
- x. Mrs. Y. Padma, Asst. Professor published a paper in UGC approved Journal “Fake Review and Spam Detection Using J48 Classifier” in International Journal of Innovative Engineering and Management Research (IJIEMR), ISSN: 2456-5083, pg: 44-49.

- xi. Mrs. D. Kavitha, Sr. Asst. Professor published a paper on “Frequent and Significant Patterns Mining using Approximate Patterns for Protein Structure Analysis” in International Journal of Innovative Engineering and Management Research (IJIEMR), ISSN: 2456-5083, p. 28-36.
- xii. Mr. G. Venugopal, Asst. Professor, Mr. T.D.Ravi Kiran, Asst. Professor, Mr D. Syam Sandeep, Mr. B.Gnananadh, and Mr. K.Subha Kiran presented a paper on “Forecasting on Deliberate Learners in Education Field using Data Mining Tedium’s” in International Multidisciplinary conference on “Knowledge sharing Technological Advancements & Sustainable Development”(1MC-2018) held at PVPSIT from 30.03.2018 to 31.03.2018 and the same published in UGC Approved Journal.
- xiii. Mr. D.Ratnam, Asst. Prof and Ms. K.Jeevan Shruthi, Ms. S.N.Ramya, Mr. P.Srikanth, Mr. T.D.Sravanth students presented a paper on “Prediction of Kidney diseases using multiple linear regression Algorithm” in International multidisciplinary conference on knowledge sharing Technological Advancements & Sustainable development (1MC-2018) held at PVPSIT and the same will be published in UGC Approved Journal.
- xiv. Dr. A. Haritha, Dr. P V S Lakshmi and Mrs. G. Lakshmi published a paper in UGC approved journal with the title, “Stock Market Prediction using ARIMA Model” in International Journal of Computer Engineering and Applications, ISSN. NO:- 2321-3469, p. 294-299.
- xv. Mrs. J. Sirisha presented a paper titled Recapitulation System for Product Analysis based on social reviews” in 2<sup>nd</sup> International Conference on 'Advancement in Engineering Applied Science and Management' at Indian Council of Social Science Research, Punjab University Campus, Chandigarh on 15<sup>th</sup> April. 2018 and published same in UGC approved journal International Journal of Innovations and Advancement in Computer Science, with ISSN 2347-8616, Volume 7, Issue 4.
- xvi. Dr. B.V Subba Rao published a paper “Hands on medication using data Visualisation tool” in International Journal of Advanced Research in Computer Science, Volume 9, No.2, March-April, 2018, ISSN No. 0976-5697.
- xvii. Mrs K Swaroopa Rani , Mrs D Leela Dharani and Mr P.Ravi Prakash Published a paper titled, “Facial Emotion Recognition in Image Sequence Using Machine Learning Algorithms” in IJCRT in April, Volume 6, Issue 2.
- xviii. Mr.R.Vijay Kumar Reddy published a paper in JARDCS Journal (SCOPUS) titled, “Classification Model Using Genetic Algorithm with Correlated BPNN Based Artificial Intelligent System” with ISSN: 1943-023X, Vol.10, 07 -Special Issue, 2018.
- xix. Mr.K.PavanKumar and Mr.Y.Suresh published a paper in JARDCS Journal (SCOPUS) titled, “Image Mining and View Patterns: Review and Challenges” Vol-10, 07- Special Issue, 2018.
- xx. Mr.S.Sai Kumar published a paper in UGC Approved Journal IJCET titled, “Heterogeneous Multichannel Multi Connectivity Mobility Management in NAN” in May-June, 2018. Vol-9, Journal Impact factor: 9.35.
- xxi. Mr.R.Vijay Kumar Reddy and Mr.K.Prudvi Raju, Asst. Professors, presented a paper titled, “Handwritten Hindi Digits Recognition Using Convolutional Neural Network with RMS Prop Optimization” in 2<sup>nd</sup> International Conference on 'Intelligent Computing and Control System (ICTCCS 2018)' IEEE (SCOPUS), ISBN: 978-1-5386-2841-6 at Madurai from 14-15<sup>th</sup> June, 2018.
- xxii. Mrs.D.Kavitha presented a paper titled, “Candidate Generation using Partitioning for Frequent Subgraph Mining in a Single Graph” in National Conference on Recent Advances in Modelling Expert Systems (RAMES), held during 26-28 June, 2018 at Department of CSE, National Institute of Technology, Warangal.



## SEMINAR/CONFERENCE/WORKSHOPS ATTENDED BY STAFF

- i. Mrs.G.Reshma, Mrs.K.SwarupaRani and Mrs. D.Leela Dharani Asst.Professors attended a DST Sponsored 2 day National Seminar on “Data Science” on 23.02.2018 and 24.02.2018 at VRSEC, Kanuru.
- ii. Mr.M.Sundara Babu and Mr.T.D.Ravi Kiran, attended FDP on “Embedded Systems” from 19-25 April 2018 at IIT Guwahati, Assam.
- iii. Ms.K.Sri Vijaya attended a three-day FDP on “Student Evaluation & Question Paper Setting” from 16.04.2018 to 18.4.2018 at VR Siddhartha Engineering College, Kanuru.
- iv. Dr.PVS Lakshmi, Mrs.G.Reshma, Mr.K.Pavan Kumar and Mr L.Ravi Kumar attended a guest lecture on “Improvements in Education System and Reduce the Gap between Industry and Academia” by Sri D. Rama Krishna, CEO Efftronics Systems Pvt Ltd, Vijayawada.
- v. Mr. P.Ravi Prakash attended FDP on “Data Structures & Algorithms” at Madanapalle Institute of Technology Science, Madanapalle, Andhra Pradesh, India in association with APSSDC from 28-5-2018 to 1-6-2018.

## FACULTY ACHIEVEMENTS

- i. Dr. B.V.Subba Rao, HOD & Professor delivered a guest lecture on NBA-OBE awareness program 10<sup>th</sup> January, 2018 at NRI Institute of Technology, Agiripalli, Krishna dist.
- ii. Mrs. A. Haritha was awarded Ph. D in Computer Science and Engineering in January, 2018 by KL University.



- iii. Dr. A.Haritha acted as a reviewer for EBook entitled, “Web-context Mining Using Soft computing and computational intelligence”.
- iv. Mrs. J.Sirisha, Asst. Prof is recognized as “Silver partner faculty” under “Inspire Event- The Campus connect Faculty partnership Model” conducted by Infosys Ltd, Hyderabad on 23<sup>rd</sup> March, 2018.
- v. Dr.B.V.Subba Rao, Professor & HOD obtained permanent patent for his invention “Drainage Overflow Monitoring System and a method for the same”. Docket NO:38265, Ref No:E-2/1636/2018/CHE and Appl.No:201741018352 dated 22.05.2018.

## SPONSORED R&D AND CONSULTANCY ACTIVITIES:

- i. SAGTE sanctioned Rs.45000/- to T.D.Ravi Kiran & M.Sundara Babu Asst. Professors for research Project proposal entitled, “Geographical Based Public Problems and Response System” on 07.02.2018.
- ii. SAGTE sanctioned Rs.30,000/- to Dr.P.V.S.Lakshmi, Professor and G.Reshma, Asst. Professor for research project proposal entitled “Predictive Analytics on Neurological Disorder among children using Machine Learning Techniques” on 07.02.2018.
- iii. SAGTE sanctioned Rs.40,000/- to Dr. A.Haritha, and K.Prudvi Raju, Asst. Professors for research project proposal entitled “Smart Room Solutions” on 07.02.2018.

## FACULTY PARTICIPATION

- i. Mr. T.D Ravi Kiran, Asst. Prof attended as certification verification officer at Tummalapalli Kalakshetra in the event of NTR Videsividya Divena 2018 conducted by govt of A.P on 30.01.18.
- ii. Dr. A Haritha, Asst. Professor attended as guest of honour for 6<sup>th</sup> Kamma Vidhyarthi Sahaya Sangham Mahila Hostel Day Celebrations on 17<sup>th</sup> February, 2018.
- iii. Dr.B.V.Subba Rao, Professor & HOD attended as Chief guest for SCIENTIA-2018, Annual Techno meet organized by the department of Computer Science, Andhra Loyola College, Vijayawada on 6<sup>th</sup> February, 2018.
- iv. Mr. G. Venugopal, Asst. Professor acted as a Food Committee member (departmental) @ SITAR-2K18 in 09.02.2018.
- v. Ms.M.Sowjanya and Ms. J.Sirisha Asst. Professors helped the participants of SITAR-2K18 through Helpdesk.
- vi. Mr.K.Pavan Kumar, Asst. Professor acted as a Dept. Level Co-ordinator for event SITAR2K18 Techno Fest on 9<sup>th</sup> February, 2018.
- vii. Mr.Y.Suresh, Asst. Professor conducted Short Film contest and acted as Co-ordinator for short film in SITAR2K18 Techno Fest on 9<sup>th</sup> February, 2018.
- viii. Mr. P Ravi Prakash and Mrs D. Leela Dharani, Asst. Professors acted as a member in stage decoration committee @ SITAR-2K18.
- ix. Dr. B. V. Subba Rao, Professor & HOD attended BOS meeting at Andhra Layola College, Review and finalize the syllabus of Computer Science Program on 23.02.2018.
- x. Mrs. G. Lakshmi attended as a guest of honour for Women’s Day Celebrations at South Central Railway, Employee Sangh Office on 8<sup>th</sup> March, 2018.

xi. The Department of Information Technology BOS meeting was held on 21-04-2018.



xii. Dr.B.V.Subba Rao, Professor & HOD, was appointed as the Chairman of the Adjudication Committee for Conducting the Ph. D open Viva-Voce Examination to be held on 27-6-2018 in the premises of the co-ordinator DDE (off-campus) M.Phil/Ph.D Examinations to Mr. Murali Krishna Naidu, Ph.D Scholar (off campus part time) Dept of Computer Science, D.D.E, Dravidian University, Kupppam, Topic Entitled:”Recent Development Trends & perceptible Architectural Risk in Element Based software Engineering”.

xiii. Dr. B.V. Subba Rao, Professor & HOD attended PG courses BOS meeting on 14.05.2018 at P.B. Siddhartha college of Arts and Sciences, Vijayawada.

### STUDENT ACHIEVEMENTS

i. III B. Tech IT students (T.Vyshnavi-15501A1298, SNSM Praneetha -15501A1298, M.Jahnavi-15501A1261) got the first prize and secured cash award of Rs 25000/- in I2E Smart IDEA-pitch, contest held at Tirupati on 10<sup>th</sup> January, 2018 conducted by APSSDC in association with Northern Eastern University Boston, USA, these students got 50K worth online course on entrepreneurship.



ii. K. Jeevan Shruthi, M.Dhana Harshini of IV B Tech S2 won the I Prize in Technical PPT @ SITAR -2K18 on 09.02.2018 at PVPSIT, Vijayawada.

- iii. A. Aravind, M.Yesh Raj, M.Gopi Krishna of III B Tech S1 won the II Prize in Technical Quiz @ SITAR -2K18 on 09.02.2018 at PVPSIT, Vijayawada.
- iv. TNVDC Bhavana of III B Tech S2 won the II prize in Crowd Pitch at IIT Hyderabad, ELAN and Nvision 2018 from 9.02.2018 to 11.02.2018.
- v. V. Sri Lakshmi Sravya, and TNVDC Bhavana of III B Tech S2 won the II Prize in poster presentation at NALEDGE-18, GEC FEST organized by GEC, Gudlavalleru from 15.02.2018 to 17.02.2018.
- vi. V. Sri Lakshmi Sravya, and TNVDC Bhavana of III B Tech S2 won the I Prize in Technical PPT at NALEDGE 18, GEC FEST organized by GEC, Gudlavalleru from 15.02.2018 to 17.02.2018.
- vii. R.Girijaswi of III B Tech S2 won the I Prize in Technical PPT at VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- viii. R. Girijaswi of III B Tech S2 won the I Prize in Poster presentation at VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- ix. P.Sree Lekha of III S2 won the I Prize in Extempore @ VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- x. A.Ooha Pranathi of III B Tech S1 won the II prize in PPT at AFOSEC -2018, organized by VRSEC, Vijayawada on 15.02.2018 and 16.02.2018.
- xi. G.Mohan Sai, S.Anirudh of III B Tech S1 won the II Prize in coding contest at AFOSEC -2018, organized by VRSEC, Vijayawada on 15.02.2018 and 16.02.2018.
- xii. TNVDC Bhavana of III B Tech S2 won the I prize in poster presentation at SUNRISE-2018, organized by NRI Institute of Technology on 24.02.2018.
- xiii. P. Sreelekha of III B Tech S2 won the III Prize in PPT @ SUNRISE-2018, organized by NRI Institute of Technology on 24.02.2018.
- xiv. Ch.Chandramouli (16501A1219), D.Anjana Devi (16501A1223) have done internship form Internshala, for Campus Ambassador Program at Unmaad IIM Bangalore.
- xv. D. Harikiran(16501A1225) has done Internship for "content Writing work from home" at Loyalty square from Internshala.
- xvi. K.Jeevan Shruthi, and M.Dhana Harshini of IV B Tech S2 won the I Prize in Technical PPT @ SITAR -2K18 on 09.02.2018 at PVPSIT, Vijayawada.
- xvii. A. Aravind, M.Yesh Raj, and M.Gopi Krishna of III B Tech S1 won the II Prize in Technical Quiz @ SITAR -2K18 on 09.02.2018 at PVPSIT, Vijayawada.
- xviii. TNVDC Bhavana of III B Tech. S2 won the II prize in Crowd Pitch at IIT Hyderabad, ELAN and Nvision 2018 from 9.02.2018 to 11.02.2018.
- xix. V. Sri Lakshmi Sravya, and TNVDC Bhavana of III B. Tech. S2 won the II Prize in Poster presentation at NALEDGE-18, GEC FEST organized by GEC, Gudlavalleru from 15.02.2018 to 17.02.2018.
- xx. V. Sri Lakshmi Sravya, TNVDC Bhavana of III B Tech S2 won the I Prize in Technical PPT at NALEDGE 18, GEC FEST organized by GEC, Gudlavalleru from 15.02.2018 to 17.02.2018.
- xxi. R. Girijaswi of III B Tech S2 won the I Prize in Technical PPT at VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- xxii. R. Girijaswi of III B Tech S2 won the I Prize in Poster at VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- xxiii. P.Sree Lekha of III S2 won the I Prize in Extempore @ VISHIKA-18 organized by Vijaya Institute of Technology for Women on 16.02.2018 and 17.02.2018.
- xxiv. A.Ooha Pranathi of III B Tech S1 won the II prize in PPT at AFOSEC -2018, organized by VRSEC on 15.02.2018 and 16.02.2018.
- xxv. G.Mohan Sai, and S. Anirudh of III B Tech S1 won the II Prize in coding contest at AFOSEC -2018 organized by VRSEC on 15.02.2018 and 16.02.2018.



- xxvi. TNVDC Bhavana of III B Tech S2 won the I prize in Poster Presentation at SUNRISE-2018, organized by NRI Institute of Technology on 24.02.2018.
- xxvii. P.Sreelekha of III B Tech S2 won the III Prize in PPT @ SUNRISE-2018, organized by NRI Institute of Technology on 24.02.2018.
- xxviii. 14 Students of III B Tech did Internship in Green Buds Software solutions from 01.02.2018 to 15.03.2018.
- xxix. Swetha. K (16501A1240) of II B Tech is pursuing Internship for content writing from GOZUTO Ecommerce Private Ltd..
- xxx. 36 students of III B.Tech attended “GOOGLE Android developer fundamentals” from 27<sup>th</sup> February to 1<sup>st</sup> March, 2018 organized by PVPSIT in association with APSSDC.



- xxxii. Ms. S. Anusha (16501A1289), II B.Tech got summer Research Fellowship 2018 with fellowship of Rs.10,000/- per month at IISC Bangalore by Indian Academics of Sciences, Bangalore during May- June, 2018.



- xxxiii. M Pavan Kumar IV B.Tech. Section1(15501A1254) Secured 89% in Database Management System organised by NPTEL Local Chapter in association with National Wide NPTEL Online Courses from Jan-April 2018.
- xxxiiii. D. Hari Kiran (16501A1225) and K.Varun (16501A1241) got the first prize in Code Race 2.0 held on 7-4-2018 conducted by ISTE Chapter PVPSIT.



## PRESENTATION/PARTICIPATION IN SEMINARS/CONFERENCES/WORKSHOPS:

- K. Varsha, B.Teepthika, K. Vinay and B. Kiran Sai Varma published a paper “Hands on medication using data Visualisation tool” in International Journal of Advanced Research in Computer Science, Volume 9, No.2, March-April 2018, ISSN NO. 0976-5697.

## INDUSTRIAL VISITS

III B. Tech. Section 1 Students visited Efftronics Systems Pvt. Ltd, organised by III & EP Committee, Department of IT, PVPSIT. Mr. Ravi Kumar, and Mrs G. Reshma Asst. Professors and I. Yoganand, Technician accompanied the students on 30.6.2018.



## OTHERS

- The Dept of IT Celebrated youth day in 6<sup>th</sup> January 2018 of commensurate the birthday of Swami Vivekananda. II B. Tech. Students organized various personality development programs in association with INTAEL.
- III&IV B.Tech. students visited Sharon children’s home and conducting various events to children’s donated chocolates, pens, oil bottles, water bottles, surf etc., on 6<sup>th</sup> Jan 2018.



- P.V.P Siddhartha Institute of Technology is recognized as “Advanced partner Institution” under “Inspire Event-The Campus connect, partners in success 2018” conducted by Infosys Ltd, Hyderabad from 23<sup>rd</sup> March, 2018 onwards.
- Mr.T.D. Ravi Kiran, Mr.M. Sundarababu, Mr K Pavan Kumar, and Mr Y Suresh, Asst. Professors obtained permanent patent for their model “Geographically Based Public Problems and Response Systems”. CBR NO: 10622, Ref No:E-1/16143/2018-DEL and Appl.No:20181101552 dated 24.04.2018.
- Dr.B.V.Subba Rao, Professor & HOD, attended “Brain Storming Session on Capability Building in New Technology” organized by INVECAS & VEDA IT on 9<sup>th</sup> June 2018 at Amaravati, AP, and India.

## STUDENT'S CORNER

### Future of Block Chain Technology in IT

Crypto currencies of all types make use of distributed ledger technology known as block chain. Block chains act as decentralized systems for recording and documenting transactions that take place involving a particular digital currency. Put simply, block chain is a transaction ledger that maintains identical copies across each member computer within a network.

While block chain is most famous for its role in facilitating the rise of digital currencies over the past several years, there are also many other non-crypto currency uses for this technology. Indeed, some block chain proponents believe that the technology could far outpace crypto currencies themselves in terms of its overall impact, and that the real potential of block chain is only just now being discovered.

#### Cross-Border Payments

Block chain technology has the potential to provide a much faster and cheaper alternative to traditional cross-border payments methods. Indeed, while typical money remittance costs might be as high as 20% of the transfer amount, block chain may allow for costs as low as 2%, as well as guaranteed and real-time transaction processing speeds. There are hurdles to be passed, including regulation of crypto currencies in different parts of the world and security concerns.

#### Smart Contracts

Smart contracts are often seen as a highly powerful application of block chain technology. These contracts are actually computer programs that can oversee all aspects of an agreement, from facilitation to execution. In fact, the case of the Decentralized Autonomous Organization (DAO) is a cautionary tale and a warning to investors to not assume that smart contracts are any better than the information and organization that a user puts into them.

#### Identity Management

One of the most problematic results of the internet age has been identity security. As diligent as many individuals and organizations are in maintaining their online identities and securing private information, there are always nefarious actors looking to steal and profit off of these digital items. Block chain technology has already demonstrated the potential for transforming the way that online identity management takes place.

Block chain offers a tremendous level of security, thanks to independent verification processes that take place throughout member computers on a block chain network. In digital currency cases, this verification is used to approve transactions before they are added to the chain. This mechanism could just as easily be applied to other types of verification procedures, including identity verification and many other applications as well.

By

Ms.JAHNAVI. Ms.PRANEETHA. Ms T.VYSHANAVI.

### Why bit coin is so interested in

#### Why Bit coin is Gaining Traction

The world is becoming ever more reliant on the internet. So, really: It is no surprise that Bit coin, a secure, global, and digital currency has claimed the interest of investors. Bit coin is open to everyone and provides an exciting opportunity to delve into an entirely new asset class.

Investing in bit coin may seem scary, but know that it takes time and effort to understand how Bit coin works.

#### Why Invest in Bit coin?

IT seems silly to some people that one bit coin can be worth hundreds of dollars. What makes bit coins valuable?

#### Bit coins are scarce and useful.

Let's look to gold as an example currency. There is a limited amount of gold on earth. As new gold is mined, there is always less and less gold left and it becomes harder and more expensive to find and mine. The same is true with Bit coin.

Yes, the crypto currency has made bit coin billionaires out of everyday people. And yes, the rally in prices seems like it won't end anytime soon. However, what people don't realize is that when something is too good to be true, there is always trouble brewing. Think about the three questions you always ask yourself before buying a financial product, and now consider bit coins. It is a totally unregulated space, so your money is not safe.

By

Mr.N.PAVAN KUMAR Mr S.ANAND





**Improvement of Coding Skills through Java platform**



**Opportunities for graduates shaping their future from day one through campus**



**2<sup>nd</sup> International Conference on “Smart Computing and Informatics”**



**FDP on Block Chain Technology**



**Entrepreneurship Development Program**