



## *IT TECH TIMES*

### *INFORMATION TECHNOLOGY, VCE*

*Volume 3 Issue 1 (July 2020 – Dec 2020)*

### OUR VISION

To be a center of excellence in core Information Technology and multidisciplinary learning and research, where students get trained in latest technologies for professional and societal growth.

### OUR MISSION

To enable the students acquire skills related to latest technologies in IT through practice oriented teaching and training.

### Program Educational Objectives

The Programme will produce graduates:

1. With sound theoretical and practical knowledge to obtain employment or pursue advanced studies and solve problems in Information Technology.
2. With effective written and oral communication skills that will help them to work in a diversified and dynamic working environment.
3. With competence to succeed in their professional lives with ethical values.

### Editorial Team

Staff: *Dr. B. Kezia Rani,*  
*Assoc. Prof.*

Students:

- *K. Krishna*
- *A. Varun Kumar Reddy*

### PROGRAM SPECIFIC OUTCOME

The students will demonstrate:

1. Competency in programming using different programming languages to implement algorithms.
2. Competence in analysis and design of a software solution using different modelling tools
3. Competency in Electronic Design and Embedded System Design using different simulation tools.
3. With competence to succeed in their professional lives with ethical values.

## *PROGRAM OUTCOMES (PO'S)*

### *Engineering Graduates will be able to:*

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and teamwork:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

## Artificial intelligence will be reshaping business intelligence

In contemporary times, AI has the capability to bring progressive changes in the mannerism of conducting business, reshaping the entire industries with the backing of advanced technologies and software. Entrepreneurs are acknowledging that it is high time to implement a comprehensive AI strategy for their businesses; however, the main part is still on the way.

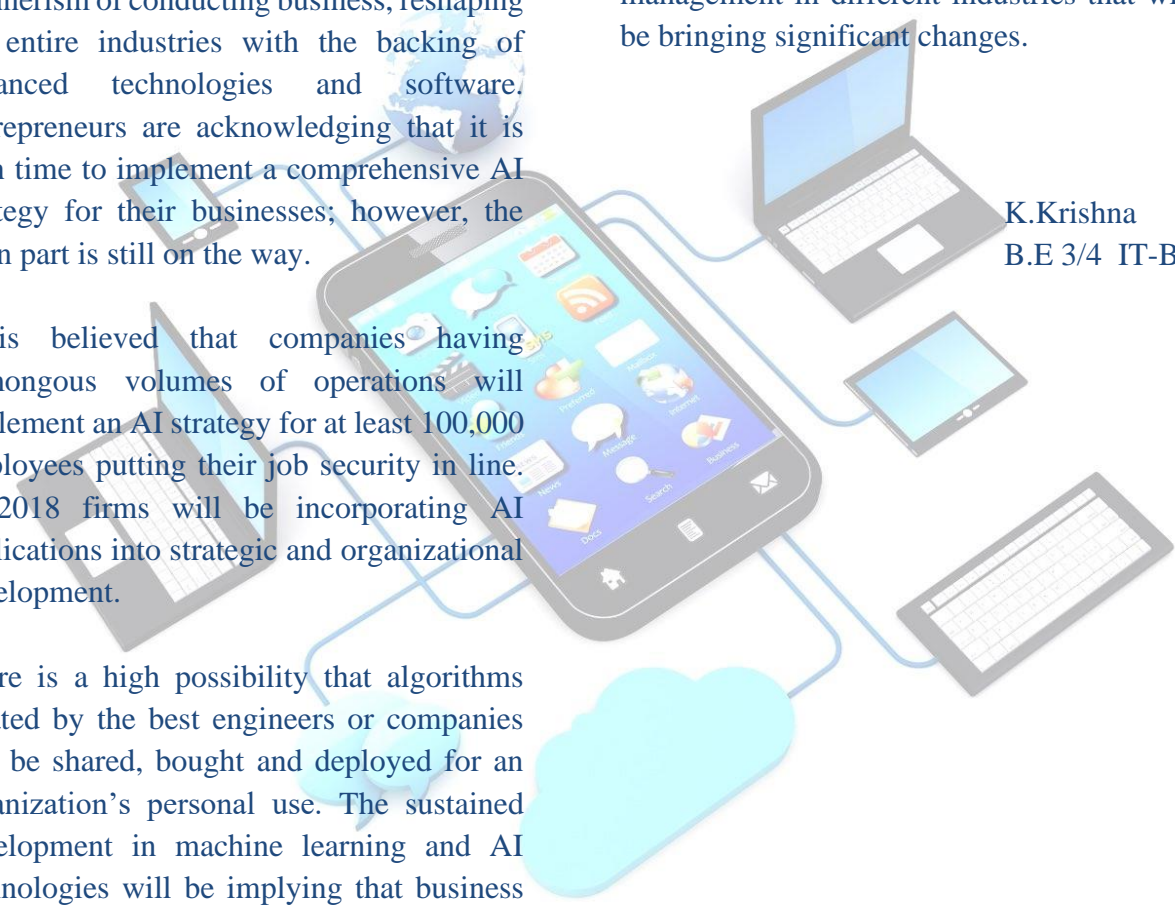
It is believed that companies having humongous volumes of operations will implement an AI strategy for at least 100,000 employees putting their job security in line. In 2018 firms will be incorporating AI applications into strategic and organizational development.

There is a high possibility that algorithms created by the best engineers or companies will be shared, bought and deployed for an organization's personal use. The sustained development in machine learning and AI technologies will be implying that business will be data-driven and every industry will be smart. With several years of background work on prototypes and ideas, it is expected that the changes taking place will be nothing less than a breakthrough.

From healthcare to construction, banking and finance to manufacturing almost every

industry will be reshaped. Things that were nothing less than a fantasy will actually be taking a physical manifestation. The advent of virtual assistance for patients, computation drug discovery, and genetics research will be the ideal platform for amazing use cases in medicine. One can find several applications for automation, robotics, and data management in different industries that will be bringing significant changes.

K.Krishna  
B.E 3/4 IT-B





## Blockchain will reveal new opportunities in different industries

The blockchain is expected to emerge as a revolutionary decentralized technology that will be storing and exchanging data for cryptocurrencies. It actually opens other possibilities that have broader implications. The blockchain is a distributed database which is a digital register of transactions and contracts. It stores an ever-growing list of ordered records called blocks each having a time-stamp and a link to the previous block. It holds the potential to influence a wide variety of applications particularly in the field of digital transactions that will open new business opportunities in 2018.

Due to the growing role of social responsibility and security in the internet blockchain technologies are gaining more relevance. A system that uses blockchain, forging digital transactions is close to impossible. Hence, the credibility of such systems will grow.

This approach can lay the fundamentals of disruptive digital businesses for enterprises and startups. Companies that were dominant in the offline space will have the scope to the electronic version of her processes in the digital environment.

While everyone is aware of the use of blockchain in cryptocurrency transactions

and removing intermediaries, some other applications stay practically unknown. First, take a look at the image below, showing a number of business industries that can apply the technology for various purposes.



Thus, blockchain technology has a variety of industrial applications. Having been emerged not so long ago, it is going to bring innovative business models to companies of different types. Adding trust, security, and transparency, blockchain opens the doors to many advantages and helps enterprises improve their business processes and solve a wide range of important tasks and challenges.

A. Varun Kumar Reddy

B.E 3/4 IT-B

*Faculty Seminars/Workshops/ Guest Lectures/ Personality Development Programmes/ Conferences National / International Staff Development Programmes organized in the Department:*

Sl. No	Date	Details	Name of the Eminent Person and organization who have addressed	Target Audience
1	8 <sup>th</sup> -9 <sup>th</sup> August, 2020	AICTE sponsored Two Day International Conference on Computational Intelligence & Data Engineering (ICCIDE-2020) held in <b>online mode</b> in association with Springer	<ol style="list-style-type: none"> <li><b>1. Prof. Ramachandram Sirandas</b> (Former Vice-Chancellor, Osmania University, Hyderabad), Vice-Chancellor, Anurag University, Hyderabad, India.</li> <li><b>2. Dr. Nabendu Chaki,</b> Professor Department of Computer Science &amp; Engineering Calcutta University</li> <li><b>3. Prof. Rajkumar Buyya</b> Director, Cloud Computing and Distributed Systems (CLOUDS) Lab, The University of Melbourne, Australia CEO, Manjrasoft Pvt Ltd, Melbourne, Australia Keynote Title: New Frontiers in Cloud and Edge Computing for Big Data &amp; Internet-of-Things Applications</li> <li><b>4. Dr. P. Sateesh Kumar</b> Associate Professor Department of Computer Science &amp; Engineering IIT Roorkee Keynote Title: Android Malware Detection by Combining Supervised and Unsupervised Learning</li> <li><b>5. Dr. Maode Ma</b> Professor School of Electrical &amp; Electronic Engineering Nanyang Technological University Singapore Keynote Title: Design of an Efficient Authentication Framework over Heterogeneous Vehicular Networks</li> <li><b>6. Dr. A. Govardhan,</b> Professor &amp; Rector, JNTU Hyd.</li> <li><b>7. Dr. Swamy Das,</b> Professor &amp; Head, Department of CSE, CBIT</li> <li><b>8. Dr. P. Ramesh Kumar,</b> Sr. Assistant Professor, V.R. Siddhartha Engineering College, Vijayawada</li> <li><b>9. Dr. G. Madhu,</b> Associate Professor, Department of Information Technology</li> <li><b>10. Dr, N. Ravi Shankar,</b> Professor &amp; COE, Dept of CSE, Geethanjali College of Engineering &amp; Technology, Hyderabad.</li> <li><b>11. Dr. D. Lakshmi Srinivasa Reddy</b> Associate Professor, CBIT, IT Department</li> <li><b>12. Dr. Krishna Murthy,</b> JNTUH, Hyderabad</li> <li><b>13. Dr. CH. Samson,</b> Professor, Department of IT, MVSR Engineering College</li> <li><b>14. Dr. P Subhash,</b> Associate Professor, Department of CSE, VNR Vignana Jyothi Institute Of Engineering And</li> <li><b>15. Dr. Vijaya Kumar,</b> Professor, BMS</li> <li><b>16. Dr. Naga Raju,</b> Associate Professor, School of Computer Science &amp; Engineering, IT-AP University</li> <li><b>17. Dr. A A Moiz Qyser,</b> Professor &amp; Head – CSE-MJCET, Hyderabad</li> <li><b>18. Dr. Raghavendra Kune,</b> Scientist /Engineer 'SF', Head High Performance Computing &amp; Drones, Advanced Data Processing Research Institute, (ADRIN), Department of Space, ISRO.</li> </ol>	Total 38 papers presented in ICCIDE 2020  Students, Scholars & Faculty from different institutions

## Staff Participation / Attended:

Sl. No	Name of the Staff Member, Designation	Title of the event (Seminar/Workshops etc.) attended & Venue	Date (s) of event	Details of experts Addressed
<i>July -2020</i>				
1	Mr. K. Srinivasa Chakravarthy, Asst. Prof.	Online Faculty Development Program on Data Science and Analytics, at Anurag University, Hyderabad.	7 <sup>th</sup> – 11 <sup>th</sup> July, 2020	Attended
2	Dr. K. Shyam Sunder Reddy, Asst. Prof.	AICTE Sponsored One Week Online Short Term Training Programme (STTP) on "Data Analytics and Machine Learning using R & Python" organized by the Department of Computer Science and Engineering, JNTUACEA	13 <sup>th</sup> – 18 <sup>th</sup> July 2020.	Participated
3	Dr. S. K. Chaya Devi, Asst. Prof.	ICT Academy Convergence 2020 (Annual Members Meeting) organized by ICT Academy	15.07.2020	Participated
4	Dr. S. K. Chaya Devi, Asst. Prof.	National Level Webinar on Latest Trends in Radar Signal Processing and its Applications by Dr. Ch. Srinivasu, Professor of ECE, Raghu Engineering College (A), Visakhapatnam organized under IQAC at Visakha Institute of Engineering & Technology 57 <sup>th</sup> Division, Narava, Visakhapatnam	25.07.2020	participated
5	Mr. K. Srinivasa Chakravarthy, Asst. Prof.	A One Week ONLINE Continuing Education Programme on "Big Image Data Processing using Deep Learning Techniques" organized by the Department of Computer Science & Engineering in association with Centre for Continuing Education, National Institute of Technology Warangal	27 <sup>th</sup> -31 <sup>st</sup> July, 2020	participated
6	Dr. V. Venkata Krishna, Prof.	Attended Webinar on Sustainable IOT as part of the OPJU IEEE TECH WEBINAR Series	4 <sup>th</sup> July, 2020	Attended

7	Ms. M. Gayatri, Asst. Prof.	Participated in Two Weeks National Level Online Faculty Development Program on Internet of Things organized by Department of ECE, VIKAS College of Engineering and Technology	27-06-2020 to 10-07-2020	participated
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### August- 2020

1	All Faculty Members from Dept. of IT	Training Session on "Plagiarism - Turnitin" at in association with TurnitIndia Education Pvt. Ltd. organized by VCE	19th August, 2020 3.00P.M.	Attended
2	Ms. S. Rajyalaxmi, Asst. Prof.	successfully completed Blockchain Basics an online non-credit course by University of Buffalo and The State University of New York and offered through Coursera	01.08.2020	Completed
3	Dr. V Venkata Krishna	Attended 2 day online workshop on Online Teaching & E-Content Development	10 <sup>th</sup> and 11 <sup>th</sup> August, 2020	Attended
4	Dr. V. Venkata Krishna	Participated in One Week International Faculty Development Programme on Emerging Trends & Technologies in Data Science organized by Department of Computer Science and Engineering, GMR Institute of Technology, Rajam, AP during	24-29 August, 2020	Participated
5	Dr. K. Shyam Sunder Reddy	Participated in International Workshop on Deep Learning for 5 days organized by International Workshop on Deep Learning '2020 presented by Goal Street, BITS CIIE	22-26 August, 2020	Participated

### September - 2020

1	Mr. G. Srinivas Rao, Asst. Prof.	Participated in the Short Term Training Programme on High Performance Intelligent Real Time Embedded System Design and Internet of Things to accelerate Automation System into Autonomous System organized by the Department of Electronics and Communication Engineering, R.M.K. Engineering College	1 <sup>st</sup> to 7 <sup>th</sup> September, 2020	Participated
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2	Ms. M. Gayatri, Asst. Prof.	Participated in One Week Online Faculty Development Program on 'Cyber Security in Practical Aspects' organized by the Dept. of CSE in association with Indian Servers	01.09.2020 to 05.09.2020	Participated
<b>October -2020</b>				
1	Dr. K. Shyam Sunder Reddy, Asst. Prof.	Participated in International online Faculty Development program on Data Science: The Future and New Technology organized by Balaji Institute of Technology and Science, Warangal in association with CSI	5-9 October, 2020	Participated
2	Mr. G. Rajashekhar, Asst. Prof.  Dr. S.K. Chaya Devi, Asst. Prof.  Mr. G. Srinivas Rao, Asst. Prof.	Demonstration on experiments with IOT trainer kit, Lora Development Kit, Zigbee Development kit	19-20 October, 2020	Mr. Praveen Kumar from M/s. Enthu Technologies
<b>November-2020</b>				
NIL				
<b>December-2020</b>				
1	Dr. K. Ram Mohan Rao, Prof. Head	AICTE & edX Webinar on Campus Digitisation	09.12.2020 at 2-00pm to 3.45 pm	Prof. Anil D Sahasrabudhe – Chairman, AICTE Mr. Amit Goyal – Head of edX India & S.E. Asia

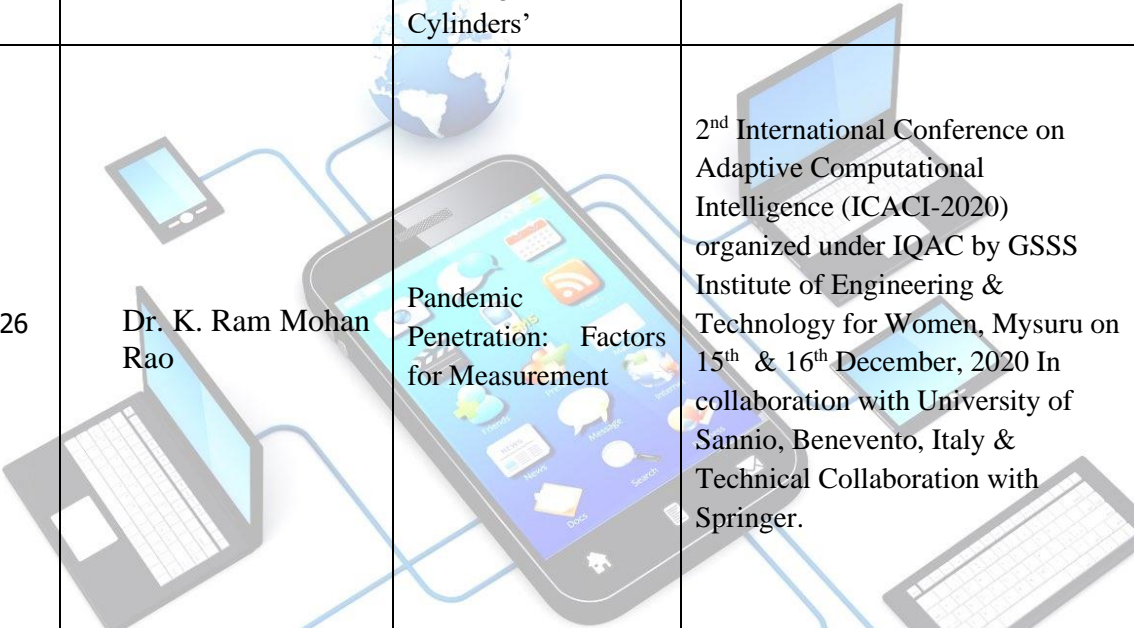
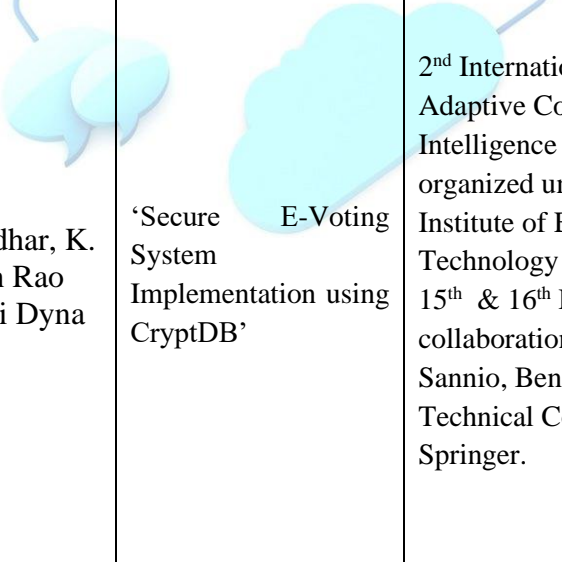
***Publications (Conferences, Journals, Books):***



S No	List of Authors	Title of the paper	Name of the Journal / Conference (with volume, pg nos & year)
1	B Srinivas, V Venkata Krishna, L Sumalatha	Color and cross diagonal symmetric pair co-occurrence matrix	Indian Journal of Science and Technology 2020;13(27):2755–2773
2	Mr. K. Srinivasa Chakravarthy Mr.M.JaiGanesh, Mrs.M.Sathya Devi, Mrs.Ch.Sarada	Identification of Plant Species using CNN-Classifier – Journal of Critical Review	Journal of Critical Review ISSN-2394-5125 VOL 7, ISSUE 3, 2020
3	Dr. S. K.Chaya Devi Devika Boddu Varsha Reddy Kumbham	Speech Emotion Recognition With Convolutional Neural Networks (CNN), Recurrent Neural Networks (RNN) - A Comparative Study	Journal OF Critical Reviews ISSN-2394-5125 VOL 7, ISSUE 18, 2020
5	Dr. K. Ram Mohan Rao Leelavathy. B	Prediction of Biotic Stress in Paddy Crop using Deep Convolutional neural networks	ICCIDE/Springer
6	Leelavathy B, Sridatta, Sairachana	Quality assessment of orange fruit images using convolutional neural networks	ICCIDE/ Spriger
7	Mrs. C. Sireesha	An approach for optimizing algorithms which find k1-most demanding products	International Conference on Advances in computer engineering and Communication systems [ICACECS-2020] organized by VNRVJIET
8	S. K. Chaya Devi	Image denoising with fast and flexible convolutional neural network	HighTechnology Letters Scopus Indexed
9	Dr.B.Kezia Rani	PRIVACY PRESERVING ASSOCIATION RULE MINING IN FEDERATED CLOUD ENVIRONMENT USING SPARK	JOURNAL OF CRITICAL REVIEWS ISSN- 2394-5125 VOL 7, ISSUE 16, 2020 pp3088-3093

10	Leelavathy. B Dr. K. Ram Mohan Rao	Prediction of Biotic Stress in Paddy Crop using Deep Convolutional neural networks	ICCIDE/Springer
11	Leelavathy B, Sridatta, Sairachana	Quality assessment of orange fruit images using convolutional neural networks	ICCIDE/ Spriger
12	Mrs. C. Sireesha	An approach for optimizing algorithms which find k1-most demanding products	International Conference on Advances in computer engineering and Communication systems [ICACECS-2020] organized by VNRVJIET
13	Dr.B.Kezia Rani	Privacy Preserving Association Rule Mining In Federated Cloud Environment Using Spark	Journal Of Critical Reviews Vol 7, Issue 16, 2020 pp3088-3093
14	Md. Imaduddin, Srinivas Rao, Ravikumar C. V. and Kalapraveen Bagadi	Signal Detection In Mc-Cdma System Using Elm Receiver To Mitigate Multiple Access Interference And Non-Linear Distortion	ARNP Journal of Engineering and Applied Sciences©2006-2020 Asian Research Publishing Network (ARNP). All rights reserved. Vol. 15, NO. 11, June 2020 pp1289-1296
15	M.Swapna , C.Sireesha	Artificial Vision-An Aide For The Visually Challenged published in	High Technology Letters, Volume 26, Issue 8, 2020
16	Ms. M. Gayatri Mr. M. Krishna Kishore	Robust Malware Detection Using Deep Eigenspace Learning For Internet of Things Devices	Journal of Engineering Sciences (JES Publications) Journal Impact Factor – 6.3 Vol 11, Issue-9
17	Ms. S. Rajyalaxmi	Key Management Scheme for Public Key Cryptography Using Block chain Network	International Journal of Computer Science & Network (IJCSN) Impact Factor 1.5
18	Mr. M. Krishna Kishore Ms. M. Gayatri	Specific Authentication based Geographic Opportunistic Routing in WSN for Internet of	The International Journal Of Analytical And Experimental Modal Analysis (IJAEMA) Journal Impact Factor – 6.3

		Things against DoS Attacks	
19	Mr. R. Dharma Reddy Dr Venkata Krishna Vakula2	Efficient Diagnosis Of Diseases In Rice Crop Using Transfer Learning Techniques With Deep Learning Models On Limited Labelled Data	High Technology Letters, Volume 26, Issue 10, 2020, <a href="http://www.gjstx-e.cn/">http://www.gjstx-e.cn/</a> pp176-186
20	Mrs. S. Aruna, Dr. Swarna Kuchibhotla	Deep Learning-Based Emotion-Sensitive learning cognitive state analysis	International Journal of Emerging Trends in Engineering Research (IJETER) - Scopus Indexed – Vol. 8, No. 9, September, 2020 pp6170-6176 <a href="https://doi.org/10.30534/ijeter/2020/204892020">https://doi.org/10.30534/ijeter/2020/204892020</a>  Available Online at <a href="http://www.warse.org/IJETER/static/pdf/file/ijeter204892020.pdf">http://www.warse.org/IJETER/static/pdf/file/ijeter204892020.pdf</a>
21	Mrs. S.K. Chaya Devi Varsha Reddy Kumbham Devika B	A Survey on Databases and Algorithms used for Speech Emotion Recognition	International Journal of Advanced Trends in Computer Science and Engineering (IJATCSE) Volume 9, No.5, September - October 2020 Available Online at <a href="http://www.warse.org/IJATCSE/static/pdf/file/ijatcse23952020.pdf">http://www.warse.org/IJATCSE/static/pdf/file/ijatcse23952020.pdf</a> , <a href="https://doi.org/10.30534/ijatcse/2020/23952020">https://doi.org/10.30534/ijatcse/2020/23952020</a> pp7031-7039
22	Srinivas Rao G Md. Imaduddin Venugopal P Ravi Kumar C. V	VERSATILE ALLOCATION OF RESOURCE BLOCKS TO CONTROL RATE AND POWER IN OFDMA BASED BASE STATION	ARPJ Journal of Engineering and Applied Sciences ©2006-2020 Asian Research Publishing Network (ARPJ). All rights reserved. VOL. 15, NO. 19, OCTOBER 2020
23	Dr. B. Kezia Rani, (Praveen C Menon, Kezia Rani B., Kailash Kumar, Varun Gupta)	AN EFFECTIVE OS – DPLL DESIGN FOR REDUCING POWER DISSIPATION IN AN IOT APPLICATION'	Journal of Ambient Intelligence and Humanized Computing  Electronic 1868-5145  Print 1868-5137

24	Dr. K. Shyam Sunder Reddy	Recurrent Neural Network Based Prediction of Number of COVID-19 Cases in India	Materials Today: Proceedings MATPR-D-20-08085
25	Dr. B. Kezia Rani, Assoc. Prof. (Total 10 authors)	'An IOT Based LPG Cylinder Warehouse Monitoring System with Along Bookkeeping Refilling of Cylinders'	Patent Application sent to Australia (outside India)
26	Dr. K. Ram Mohan Rao	Pandemic Penetration: Factors for Measurement	 <p>2<sup>nd</sup> International Conference on Adaptive Computational Intelligence (ICACI-2020) organized under IQAC by GSSS Institute of Engineering &amp; Technology for Women, Mysuru on 15<sup>th</sup> &amp; 16<sup>th</sup> December, 2020 In collaboration with University of Sannio, Benevento, Italy &amp; Technical Collaboration with Springer.</p>
27	Vemula Sridhar, K. Ram Mohan Rao and Marneni Dyna	'Secure E-Voting System Implementation using CryptDB'	 <p>2<sup>nd</sup> International Conference on Adaptive Computational Intelligence (ICACI-2020) organized under IQAC by GSSS Institute of Engineering &amp; Technology for Women, Mysuru on 15<sup>th</sup> &amp; 16<sup>th</sup> December, 2020 In collaboration with University of Sannio, Benevento, Italy &amp; Technical Collaboration with Springer.</p>



## *Students Participation/ Achievements (Co-curricular / Extracurricular/ Other):*

### *Co –curricular/Professional body Events organized for students in the Department for the month of August 2020:*

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	17-21 August, 2020 9.30-11.00 AM (12.5 Hours)	Workshop Django	Mr. Amar Sharma, Adjunct Faculty & CEO & Founder, Woir Software Pvt. Ltd.	V-Sem IT A&B students
2	18-25 Aug-2020 3-4.30 pm	Android workshop for V-Sem IT A&B Students by	Mr. Dharma Reddy, Asst. Prof., Dept. of IT, VCE	V-Sem IT A&B students

### *Co –curricular/Professional body Events organized for students in the Department for the month of September 2020:*

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	05.09.2020 11.00am to 12.00 noon & 3.30pm to 4.30pm	Session on introduction on CCA presentations about "Technical reading, writing and presenting a paper"	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	V-Sem to IT A&B Students

2	12.09.2020 2.00pm to 6.00pm	Session on introduction on CCA presentations about "Technical reading, writing and presenting a paper"	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	V-Sem to IT A&B Students
3	15.09.2020 8.00pm to 10.00 pm	Cisco Selection Talk on 'How can AI be leveraged to provide critical real time updates'	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	Cisco 2 <sup>nd</sup> Round selected students of CSE, IT, ECE & EEE
4	19.09.2020 10.00am to 12.00 noon	Lecture on 'How to choose a domain for doing project, how to write technical paper and how to present it'	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	VII-Sem IT-A&B Students
5	19.09.2020 2.00pm to 4.00pm	Lecture on Data Structures	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	III-Sem IT A&B Students
6	26.09.2020 10.00am to 12.00 noon	Lecture on 'How to choose a domain for doing project, how to write technical paper and how to present it and usage of Deep Learning Lab from Remote Location	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	VII-Sem IT-A&B Students
7	26.09.2020 3.30 pm to 5.30 pm	Lecture on Data Structures	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	III-Sem IT A&B Students

*Co –curricular/Professional body Events organized for students in the Department for the month of October 2020:*

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	03-10-2020 3.20 pm to 5.20 pm  2 Hours	Lecture on Data Structures to by	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	III-Sem  IT A, B, C Students
2	10.10.2020 3.20 pm to 5.20 pm  2 Hours	Lecture on Data Structures to by	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	III-Sem  IT A, B, C Students
3	17-10-2020 3.20 pm to 5.20 pm  2 Hours	Lecture on Data Structures to by	Dr. Raghavendra Kune, Adjunct Faculty & Scientist/Engineer 'SG', Head High performance computing Drones(HPCD), Advanced Data Processing Research Institute (ADRIN), Dept. of Space, ISRO	III-Sem  IT A, B, C Students
4	31.10.2020 9.30 am to 11.30 am & 2.00 pm to 4.00 pm -  4 Hours	Lectures on SQL Querying - Hands-on & Interview Specific Questions	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students

Co –curricular/Professional body Events organized for students in the Department for the month of November 2020 :

Sl. No	Date	Details of Seminar / workshop /Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	10.11.2020 2:00– 5:00	Workshop on 'Big Data Analytics using Hadoop' (Online Mode)	Mr. Amar Sharma, Adjunct faculty & Founder & CEO, WOIR Software Pvt. Ltd.	VII-Sem IT A&B students
2	13-11-2020 2:00 – 5:00			
3	03.10.2020 3.30 pm to 5.30 pm	Lecture on Data Structures	Dr. Raghavendra Kune, Adjunct Faculty & Scientist /Engineer 'SG', Head High performance computing Drones (HPCD), ADRIN, ISRO	III-Sem to IT A,B&C Students
4	10.10.2020 3.30 pm to 5.30 pm	Lecture on Data Structures	Dr. Raghavendra Kune, Adjunct Faculty & Scientist /Engineer 'SG', Head High performance computing Drones (HPCD), ADRIN, ISRO	III-Sem to IT A,B&C Students
5	17-10-2020 3.30 pm to 5.30 pm	Lecture on Data Structures	Dr. Raghavendra Kune, Adjunct Faculty & Scientist /Engineer 'SG', Head High performance computing Drones (HPCD), ADRIN, ISRO	III-Sem to IT A,B&C Students
6	22.11.2020 10.00 am – 12.00 noon	Expert Lecture on DNS, DDNS, WWW, HTTP	Dr. Raghavendra Kune, Adjunct Faculty & Scientist /Engineer 'SG', Head High performance computing Drones (HPCD), ADRIN, ISRO	V-Semester IT A&B Students
7	05.12.2020 9.40 am – 12.40 pm	Guest Lecture on Google App Engine (GAE), Application Development using	Dr. Raghavendra Kune, Adjunct Faculty & Scientist /Engineer 'SG', Head High performance computing Drones (HPCD), ADRIN, ISRO	VII-Semester IT A&B Students



		MPI, Amazon Web Services (AWS)		
8	31/10/2020 09:30 AM - 11:30 AM	SQL Querying - Hands-on	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
9	31/10/2020 02:00 PM - 04:00 PM	Interview Specific Questions	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
10	12.11.2020 09:30 AM - 11:30 AM	Advanced SQL Querying - Stored Procedure, Triggers and Cursors	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
11	& 03:20 PM - 05:20 PM			
12	13.11.2020 11:00 AM - 01:00 PM	Introduction to Big Data and Data Science	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
13	13.11.2020 03:20 PM - 05:20 PM	Introduction to NoSql	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
14	16.11.2020 11:00 AM - 01:00 PM	NoSql (Cont.)	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
15	16.11.2020 03:20 PM - 05:20 PM	Data Collection and Handling	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
16	20.11.2020 03:20 PM - 05:20 PM	Python – Numpy, Pandas	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students

17	21.11.2020 09:30 AM - 11:30 AM	Python – Series, Data Frames	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	V-Sem IT A&B Students
18	21.11.2020 02:00 PM - 04:00 PM	Introduction to Azure Platform : Creating Virtual Machine on Azure	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students
19	27.11.2020 04:30 PM - 06:30 PM	Introduction to WebApps and Hosting a web-site (Part-1)	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students
20	28.11.2020 09:30 AM - 11:30 AM	Hosting a web-site (Part-2)	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students
21	28.11.2020 02:00 PM - 04:00 PM	Introduction to SQL Azure	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students

*Co –curricular/Professional body Events organized for students in the  
Department for the month of December 2020 :*

Sl. No	Date	Details of Seminar / workshop / Guest Lecture etc.	Name of the Eminent Person and organization who have addressed	Target Audience
1	04.12.2020 3.20 PM – 5.20 PM	SQL Azure – Hands-on (Part-I)	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students
2	05.12.2020 2.45 PM – 4.45 PM	SQL Azure – Hands-on (Part-II)	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	VII-Sem IT A&B Students
3	06.12.2020 11.00 AM– 1.00 PM	Career Counseling Session (online) on 'How to prepare for Product Company'	Mr. Amith Gupta, Adjunct Faculty & Sr Data Scientist, CSEO, Microsoft India, Microsoft Campus, Gachibowli	IT III & V Semester Students

## *Student Achievements:*

- 1602-18-737-068, J.Gayatri completed her internship on "Content Writing" at Youth Empowerment Foundation. The internship was conducted from 05<sup>th</sup> January'20 to 24<sup>th</sup> March'20.

## *Other important events, if any:*

- Dr. K. Shyam Sunder Reddy got certificate of Reviewing awarded since July, 2020 (2 reviews) in recognition of the review contributed to the Journal Applied Soft Computing Journal from Elsevier.
- Dr. K. Shyam Sunder Reddy got certificate of Reviewing awarded since July, 2020 (2 reviews) in recognition of the review contributed to the Journal Applied Soft Computing Journal from Elsevier.
- Dr. K. Shyam Sunder Reddy got Certificate of Reviewing awarded since November, 2020 (1 Review) in recognition of the review contributed for the journal 'Informatics in Medicine Unlocked' from Elsevier
- Mr. K. Rama Krishna, Asst. Prof. (SS) joined in the Department of IT vide Proceedings No. VCE/CA/Faculty/2020 dated 08.12.2020.