3. P. V. Tanusha, P. Sruthi, A. Vishnu Priya, and V. Sukanya published a journal paper on "**Multilingual text Classification uses Semantic Analysis**", in International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020, under the guidance of Mrs.S. Kalyani, Assistant Professor, IT Dept.

4. V. Bindhu Madhavi, B. Vardhini, K. Srihitha, G. Geethika published a paper on "**Vehicle Speed Detection and Accident Rescue System**", in International Journal of Creative Research thoughts", 2320-2882, Vol. 10 Issue. 10, 2020 under the guidance of Mr. P. Mohan Ganesh, Assistant Professor, IT Dept.

5. K. Sai Saranya, A. Alekhya, CH. Madhumitha, V. Durga Charmika published a journal paper on "**Currency counting for Visually Impaired through Voice using Image Processing**", in International Journal of Engineering Research & Technology (IJERT)", 2278-0181, Vol. 9 Issue 05, 2020 under the guidance of Mr. Ajay Kumar Badhan, Assistant Professor, IT Dept.

6. K. Geethika, B. Sravani, S. Geethika, and Ch. Meghana Jyothi published a journal paper on "**Self Operating Railway Level Crossing based on IoT**", in International Journal for Scientific Research and Development", 2321-0613 Vol.8 Issue 3, 2020 under the guidance of Mr. Y. Laxman Rao, Assistant Professor, IT Dept.

7. K. Sai Ramya, K. Sumanjali, K. Gayatri, K. Venkat Lakshmi published a journal paper on "**Conversion of sign Language into Voice**", in International Journal of Creative Research thoughts [IJCRT]", 2320-2882, Vol. 8, Issue. 5, 2020 under the guidance of Mr. Ch. Rama Suri, Assistant Professor, IT Dept.

8. P. Sahithi, M. Praneetha, and N. Shilpa Chandana published a journal paper on "**Text Recognition on Various Product Labels for Visually Impaired People**", in International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020 under the guidance of Mrs. P. Vanitha Sri, Assistant Professor, IT Dept.

9. P. Bhavya Kumari, V.V.K. Jhanavi, R. Niharika and S. Durga Teja published a journal paper on "**Automatic Ferrule Concealment for Borewell**", in International Journal of Current Engineering and Scientific Research [IJCESR] 2394-8374, Vol. 7, Issue 5, 2020 under the guidance of Mr. Netaji Gandi, Assistant Professor, IT. Dept.

10. P. Sirisha, M. Ratna Meghana, CH. Yamini, and E. Naveena published a journal paper on "**Wireless Smart Wheel Chair**", in International Journal of Creative Research Thoughts, Volume 8, Issue 5, May 2020, PP 1042-1050 (UGC, Thomson Reuters) under the guidance of Dr. B. Prakash, Associate Professor, IT Dept.

11. T. Yogitha, K. Amrutha, M. Lonika Sai, and G. Pujitha published a journal paper on "**Leaf Disease Detection and Suggesting Pesticides using CNN**", in International Journal for Technological research in Engineering", 2347-4718, vol 7 issue 9, 2020 under the guidance of Mr. Y. Laxman Rao, Assistant Professor, IT Dept.
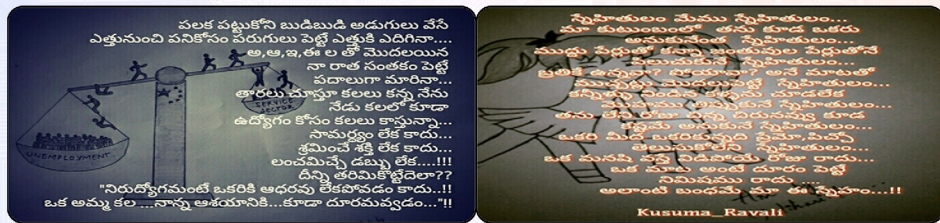
12. G. Tejaswani, T.Sreeja, N. Reshma and B. Amrutha published a journal paper on "**Smart Traffic management using Toll Gate**" in International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020 under the guidance of Mrs. S. Kalyani, Assistant Professor, IT Dept.

13. K.. Sushmini, I. Mydhili and P. V. Lalitha published a journal paper on "**Hepatic disease prediction using Machine Learning**", in Journal of Emerging Technologies and Innovative Research [JETIR]", 2349-5162, Vol. 7 Issue 5, 2020 under the guidance of Mr. P. Mohan Ganesh, Assistant Professor, IT Dept.

Articles:

"**Poetry:** The best words in the best order" said Mr. Samuel Taylor Coleridge and here is the work of our young minds that'll make you fall in love with the words!!!
Kusuma Ravali of 2014 admitted batch has presented beautiful quotes on different scenarios

Kusuma_Ravali

VIEWIT
INNOVATIVE THINKERS
DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

To become centre of excellence and produce globally accepted women IT professionals with research skills and social

MISSION

➢ **To impart knowledge of solving complex problem by effective teaching – learning practices.**

➢ **To encourage research and entrepreneurial initiatives with innovation**

➢ **To facilitate an ecosystem for designing IT professionals with continuous learning abilities**

➢ **To promote technocrats with ethical values to meet the needs of the industry and society.**

EDITORIAL BOARD

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Academic Director Message:

Hope all of you and your family members are in good health and safe places. As this has been an unforeseen long vacation, you have to spend your time meaningfully. Your duty towards students:
1. As a counselor or teacher contact your students once in every four days, remind them and motivate them towards better usage of time.
2. If they require any assistance like doubts, scheduling of works try to do it at the earliest.
3. If they need any material send your notes through online, encourage them towards self learning mode.

Your duty towards your career growth:
1. Work on writing research papers at-least two during this long vacation.
2. Work on NPTEL courses or in emerging areas like AI, Machine Learning, and IoT etc.
3. Prepare the Lecture notes for the next semester

Dear Students!
Hope you and your family members are healthy & safe, taking all the preventive steps to avoid the spread of COVID-19. As this is a long vacation, you can use your time meaningfully and purposefully. You can convert this disadvantage to an advantage.
If you have any backlogs try to work on those subjects by following steps.
1. Make out a self schedule allotting at-least 5 to 6 days for each subject.
2. Study at-least one unit every day.
3. Write important concepts, equations, and definitions to keep your concentration for long duration.
4. At the end of the completion of units recollect the same by closing your books All this takes minimum of 5 to 6 hours a day and rest of the time you may enjoy with your family members, T.V and social media.

Those students do not have backlogs (Advanced Learners)
To be ahead in the competition bracing for better career opportunities, try to work on the following:
1. Improve your coding skills by entering into Hackathon ranking or working on that. Workout at least on one course from NPTEL or Coursera where you will be awarded monitory incentive on one hand or the chain-edge.

Prof. A. Sesha Rao

Principal's Message:

We are facing a tough time due to the outbreak corona virus (COVID-19) pandemic. As the Nation declares lockdown to control the spread of virus, everyone should stay safe at home. Ensure social distancing, avoid touching face, washing hands periodically, wearing mask when necessary to prevent the spread. At the same time all should engage to do some productive work. In this connection all our departments initiated online classes and workshops for the students. Do not hesitate to contact your faculty and be prepared mentally to make full utilization if this time. Wishing you all the best!!!

Dr. B. Prakash

HoD's Message:

I am happy that the Department is releasing 2nd issue of 6th Volume. I appreciate the coordinators for their continuous effort in bring out this newsletter during this pandemic situation COVID - 19.

The department is conducting online classes for the students including various activities such as Workshops, FDPs, E-Quizzes and poster presentations. The main focus is to ensure safety of the students and staff and to continue to educate our students through online!!!

Dr. B. Prakash

Faculty Development Program [FDP]

During the COVID – 19 situations, the faculty member of Department of Information Technology has organized various online technical events for the students as well as faculties for upgrading themselves in these pandemic situations!!!

Faculty Development Program [FDP]

➢ A National Level 1-Week Online Faculty Development was conducted on "**Artificial Intelligence**" under the Supervision of Mr. P. Mohan Ganesh, Assistant Professor, in collaboration with "**Brain-O-Vision**" team, from **22.05.2020 to 26.05.2020**. A record of **13000** participants attended this online FDP.

Workshops Conducted by Department

➢ The Department has organized a national level 3-Day online workshop on "**Machine Learning**" under the supervision of Mr. Ajay Kumar Badhan, Assistant Professor, in collaboration with "**Brain-O-Vision**" for the students of **Second and Third Year**, IT Department from **27.03.2020 – 29.03.2020**.

➢ The Department has organized a national level 1-Day workshop on "**Angular Workshop to Develop Web Applications**" under the supervision of Mr. CH. Rama Suri, Assistant Professor, in collaboration with "**Brain-O-Vision**" for the students of **Second and Third Year**, **IT Department on 25.06.2020**.

➢ The Department has organized a national level 1-Day workshop on "**Design Thinking**" under the supervision of Mr. Y. Laxman Rao, Assistant Professor, in collaboration with "**Brain-O-Vision**" for the students of **Second and Third Year, IT Department on 30.06.2020**.

National Level Online Quiz

➢ The National Level Online Quiz Competitions were conducted by the faculty members of IT department on latest technologies such as Artificial Intelligence, Python, and Big Data Analytics etc in which hundreds of participants has participated in the quiz competition.

S.NO	Event	Dates	Title	Coordinator	Month
1	Quiz	21.05.2020-25.05.2020	C - Programming	Mr. P. Mohan Ganesh	May, 2020
2	Quiz	21.05.2020-25.05.2020	Python Programming	Mr. Netaji Gandi	May, 2020
3	Quiz	22.05.2020-29.05.2020	Artificial Intelligence	Mr. Ajay Kumar Badhan	May, 2020
4	Quiz	23.05.2020-29.05.2020	Java Programming	Mrs. Vanitha Sri	May, 2020
5	Quiz	25.05.2020-31.05.2020	Big Data Analytics	Mr. CH. Rama Suri	May, 2020
6	Quiz	21.05.2020-25.05.2020	Data Structures	Mr. Y. laxmana Rao	May, 2020

Online Courses

➢ B. Srivalli of 2018 batch successfully completed the online course on "**Machine Learning with Python**" conducted by **Cognitive Class** held on 16th April, 2020.

➢ K. Shanmukhi of 2018 batch has participated in a online course on "Robotic Process Automation" held on 19th April, 2020.

➢ G. Mohitha and K. Shanmukhi of 2018 batch have participated in a online Course "**Game Development using PyGame**", held on 14th April, 2020.

➢ P. Poornima Devi of III year (2017 batch) has successfully completed the "**Web Analytics**" and "**Digital Marketing**" course that are organized by the Multi-National Company **Accenture**.

➢ M.S. Florence of III year (2017 batch) has participated and successfully completed the course on "TCS – ION Career Edge", organized by **Tata Consultancy Service**.

UDEMY:

➢ B. Niharika, B. Bhavya Bhargavi, Ch. Ramya Priya, CH. Yasaswini, D. Prasanna, I. Reshma, I.V. Raghavi, M. Sai AIshwarya, M. Saranya, M. Tejasree, M. Tanuja, N. Vireesha, , N. Sarika, S. J. Priyanka. T. Harika, V/ Kusuma Ravali, of 2017 batch have successfully completed the online course on "**PHP & MySQL**" during the month of April.

National Level Online Quiz

➢ The Department of IT congratulates and welcome Mr. S. Sagar for joining the department. We hope your experence will help and strengthen the department.

Date of Joining: 17.06.2020

➢ The Students of II year (25 students) of 2018 batch have participated in Udemy online course "**Python 3 Boot camp**" in the month of April, 2020

➢ Ch. Kavya Sri of 2017 batch has successfully completed the online course on "**Internet of Things**" during the month of April, 2020.

➢ K. Navya of 2017 batch has successfully completed the courses on "**Block-Chain**" and "**MongodB with PHP**", during the month of April, 2020.

➢ M. Sai AIshwarya of III year has competed the course on "**GUVI Game Development**" during the month of April, 2020.

➢ P. Poornima Devi of 2017 batch has successfully competed courses on"**Machine Learning**", "**PHP for beginners**", "**Python Programming**".

Publications by Faculty

Dr. Prakash Bethapudi:

1. Automatic Solar Tracker, International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020, PP 642-650 (UGC, Thomson Reuters), https://orcid.org/0000-0002-1709-5208

2. Wireless Smart Wheelchair, International Journal of Creative Research Thoughts, Volume 8, Issue 5, May 2020, PP 1042-1050 (UGC, Thomson Reuters), https://orcid.org/0000-0002-1709-5208

3. Interactive Assistant Using Face Recognition, International Journal of Creative Research Thoughts, Volume 8, Issue 5, May 2020, PP 1123-1128 (UGC, Thomson Reuters), https://orcid.org/0000-0002-1709-5208

Mr. Mohan Ganesh:

1. Mr. Mohan Ganesh has published a paper on "Hepatic Diseases prediction using Machine Learning" in "Journal of Emerging Technologies and Innovative Research [JETIR]", 2349-5162, Vol. 7 Issue 5, 2020

2. Leaf diseases detection and suggesting pesticides using conventional neural network, "International Journal for Technological research in Engineering", 2347-4718, vol 7 issue 9, 2020

3. Vehicle Speed Detection and Accident Rescue System in "International Journal of Creative Research thoughts", 2320-2882, Vol. 10 Issue. 10, 2020

Mr. Ajay Kumar Badhan:

1. Evolution of Human –Computer Interaction to Presume Human Disposition Feature in Human-Robot Social Communication in Journal of Xidian University, 1001-2400, Vol. 14, Issue 5, 2020.

2. Enthusiastic Knowledge or man-made brainpower – Emotional Intelligence in Journal of Xidian University, 1001-2400, Vol. 14, Issue 5, 2020**.**

3. Currency Counting for Visually impaired through voice using Image Processing in "International Journal of Engineering Research & Technology (IJERT)", 2278-0181, Vol. 9 Issue 05, 2020

Y. Laxmana Rao:

1. Mr. Y. Laxmana Rao has published a paper on "Leaf diseases detection and suggesting pesticides using conventional neural network, "International Journal for Technological research in Engineering", 2347-4718, vol 7 issue 9, 2020

2. Self operating railway level crossing system using IoT in "International Journal for Scientific Research and Development", 2321-0613 Vol.8 Issue 3, 2020

3. "Hepatic Diseases prediction using Machine Learning" in "Journal of Emerging Technologies and Innovative Research [JETIR]", 2349-5162, Vol. 7 Issue 5, 2020

Ch. Rama Suri:

1. Sign Language recognition and speech conversion using Raspberry PI in "International Journal of Creative Research thoughts [IJCRT]", 2320-2882, Vol. 8, Issue. 5, 2020

2. Voice Based Smart Navigation System for Blind people in "International Journal of Creative Research thoughts [IJCRT]", 2320-2882, Vol. 8, Issue. 5, 2020

Mrs. Vanitha Sri

1. **Text Recognition on Various Product Labels for Visually Impaired People**", in International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020

Mr. Netaji Gandi:

1. Mr. Netaji Gandi has published a paper entitled "Automatic Ferrule Concealment for BoreWell" in "International Journal of Current Engineering and Scientific Research [IJCESR]", 2394-8374, Vol. 7, Issue 5, 2020.

Publications by Students

1. G. Uma, A. Sri Vaishnavi, K. Madhavi Latha, and K. Bhargavi published a journal paper on "**Automatic Solar Tracker**" in International Journal of creative Research Thoughts, Volume 8, Issue 5, May 2020, PP 642-650 (UGC, Thomson Reuters), under the guidance of Dr. B. Prakash, Associate Professor, IT Dept. https://orcid.org/0000-0002-1709-5208

2. A. Sai Chandana, B. Bhanu Priyanka, U. Bhargavi Tulasi and P. Kalyani Kusuma published a journal paper on "**Voice Based Smart Navigation System for Blind People**", in International Journal of Creative Research thoughts [IJCRT]", 2320-2882, Vol. 8, Issue. 5, 2020 under the guidance of Mr.Ch, RamaSuri, Assistant Professor, IT Dept.