GEETHANJALI
INSTITUTE OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TECHIES CHRONICLE
–Driven to Discover

Internet of Things(IoT)

The Internet of Things (IoT) refers to a vast number of "things" that are connected to the internet so they can share data with other things – IoT applications, connected devices, industrial machines and more. Internet-connected devices use built-in sensors to collect data and, in some cases, act on it. IoT connected devices and machines can improve how we work and live. Real-world Internet of Things examples range from a smart home that automatically adjusts heating and lighting to a smart factory that monitors industrial machines to look for problems, then automatically adjusts to avoid failures.

How the Internet of Things Works

Being connected through the Internet of Things – to send, receive and often act on data – results in many smart IoT things that we can use to build a more secure, convenient, productive and intelligent world. Internet of Things capabilities play a significant role in businesses' digital transformation efforts. When we combine IoT data with advanced analytics and AI – leading to the "Artificial Intelligence of Things" – the possibilities seem endless.

Editorial Board

Faculty Contributions/ Achievements:

- Dr. Y. Jahnavi published a paper in the International Journal on Future Revolution in Computer Science & Communication Engineering on "An IOT Appliance for Controlling the Fan Speed and Accessing the Temperature through Cloud Technology using DHT11 Sensor" on April 2018.ISBN/ISSN number:2454-4248.

- Dr.M.Mathan Kumar published a paper in the International Journal of Current Engineering And Scientific Research(IJCESR) on "Circuit Cipher text-Policy Attribute-Based Hybrid Encryption With Verifiable Delegation In Cloud Computing" on April 2018.ISBN/ISSN number:2394-0697.

- Mr. SK. Asiff published a paper in the International Journal of Recent Research Aspects(IJRRA)On "using social media to promote E-commerce Business" on April 2018.ISBN/ISSN number:2349-7688

- Mrs.V.Bharathi published a paper in the International Journal of Advanced Trends in Engineering and Technology(IJATET) on "Automated Admission Management System For Reporting And Tracking Of Educational Prospects" on April 2018.ISBN/ISSN number:2456 – 4664.

- Mrs. V. Gayatri published a paper in the International Journal of Recent Research Aspects (IJRRA)On "Payroll Management System" on April 2018.ISBN/ISSN number:2349-7688.

- Mr. K. Sreenivas published a paper in the International Journal of Current Engineering And Scientific Research(IJCESR) on "Student Performance Prediction Using Different Classification Algorithms" on April 2018.ISBN/ISSN number:2394-0697.

- Mr. K Venkata Nagendra published a paper in the International Journal of Current Engineering And Scientific Research(IJCESR) on "Student Performance Prediction Using Different Classification Algorithms" on April 2018.ISBN/ISSN number:2394-0697.

- Mrs. Harshitha published a paper in the International Journal of Recent Research Aspects(IJRRA) On "SMART NELLORE HANDY: A Centralized System for Storing and Managing Significant Area Related Information" on April 2018.ISBN/ISSN number:2349-7688.

- Mrs. N. Siva Nagamani published a paper in the International Journal of Advanced Trends in Engineering and Technology(IJATET) on "Automapic App For Associate Degree Humanoid Based Chase Of Sales Worker" on April 2018.ISBN/ISSN number:2456 – 4664.

- Mrs. K.Sukeerthi published a paper in the International Journal of Advanced Trends in Engineering and Technology(IJATET) on "An Approach For Docket Generation" on April 2018.ISBN/ISSN number:2456 – 4664.

- Ms. P. Radhika published a paper in the International Journal of Current Engineering And Scientific Research(IJCESR) on "Student Performance Prediction Using Different Classification Algorithms" on April 2018.ISBN/ISSN number:2394-0697.
- Dr. M. Mathan Kumar has attended "FDP on Introduction to R Programming" during6th April and 7th April, 2018 *at* Geethanjali Institute of Science and Technology, Nellore.
- Ms. V. Bharathi has attended Five-Day Faculty Development Program on " Internet of Things" on22nd and 28th April,2018.
- Ms.V.Bharathi has attended on "Introduction to R programming" Workshop on 6th,7th April,2018 organized by CSI-GIST Two Day Workshop.
- Ms. N. Siva Nagamani has attended Five-Day Faculty Development Program on " Internet of Things" on22nd and 28th April,2018.
- Ms.N.SivaNagamani has attended on "Introduction to R programming" Workshop on 6th,7th April,2018 organized by CSI-GIST Two Day Workshop.
- Ms.P.Radhika Has Participated In "A Two Day Workshop On R Programming" In Geethanjali Institute Of Science & Technology Associated With ICT Academy On 6th And 7th , April , 2018.
- Mr.K.Venkata Nagendra has Participated One week FDP on "Recent Advances and Applications in Cognitive Computing" at IARS, Hyderabad, from 28 May -02 June 2018.
- Mr.K.Venkata Nagendra has Participated Two Days FDP on "Introduction to R programimg" at GIST, Nellore , From 6-7 April 2018.
- Mr.K.Venkata Nagendra has Participated 10 Days FDP on "Information Security" at IIITDM, Kanchipuram from 12-23 May 2018.
- Mr.Asiff has attended Two day FDP organized by ICT Academy on "Introduction to R-Programming", 6th,7th April,2018.
- Mr.K.Sreenivas has Two Day FDP on Introduction to R Programming Conducted by ICT Academy on 06.04.2018 & 07.04.2018.
- Ms. K. Sukeerthi has attended two day FDP on "Introduction to R programming" on 6th and 7th April 2018 at GIST, Nellore.
- Ms. N. Harshitha has attended Two-Day Faculty Development Program on Introduction to R Programming on 6thand 7th April,2018
- Mr.A.L.Sravan Kumar has Attended two day FDP on "Introduction to R-Programming" organized by ICT Academy on 6th-7th April, 2018 at GIST, Nellore
- Ms.P.Chandrakala Attended two day FDP on "Introduction to R-Programming" organized by ICT Academy on 6th-7th April, 2018 at GIST, Nellore.

Events Organized

APSSDC & COURSERA PYTHON CERTIFICATION COURSE

Andhra Pradesh state skill development corporation (APSSDC) has initiated the conduct of summer certification course titled " PYTHON FOR EVERY BODY" from 11-06-18 TO 23-06-18 under the guidance of master trainers Ravishastri& Anil with the objective of hiring the skills of students in python programming language.In all 17 students successfully completed the course and getting certificates from coursera.

The course turned out to be immensely beneficial to the participants to catch up with the global standards. Mr. R Sivaiah voluntarily took part in the course as faculty coordinator. In all 17 students successfully completed the course and getting certificates from coursera. The department of CSE expresses its gratitude to Dr Y Jahnavi & management of GIST further unstinted support, cooperation an encouragement in the support and successful conduct of the course.

Student Achievements

- B. Reshma has presented a paper on "importance of soft skills", @SRUJANA-2k18, GIST, Nellore(13-04-2018) and got 2nd prize.
- P.Bhavana has presented a paper on "importance of soft skills", @SRUJANA-2k18, GIST, Nellore(13-04-2018) and got 2nd prize.
- R.SaiPadmaja has presented a paper on " importance of soft skills", @SRUJANA-2k18, GIST, Nellore(13-04-2018).
- S. Lohitha has presented a paper on "importance of soft skills", @SRUJANA-2k18, GIST, Nellore(13-04-2018).
- A.SriBhargavi has presented a paper on " Laplace Transforms", @SRUJANA-2k18, GIST, Nellore(13-04-2018)
- J.Bhavani has presented a paper on "Laplace Transforms", @SRUJANA-2k18, GIST, Nellore(13-04-2018)
- J.Bhavani has presented a paper on "Redtacton", @SRUJANA-2k18,GIST, Nellore(13-04-2018)
- Ch.Jyothsna has presented a paper on "Redtacton", @SRUJANA-2k18, GIST, Nellore(13-04-2018)
- G.Ashok has presented a paper on "Nano Technology", @SRUJANA-2k18, GIST, Nellore(13-04-2018)

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