



INSIDE THIS ISSUE:

Recent Trends in Internet of Things (IoT)

Chief Patrons

Shri Vijay Kumar Gupta

Shri I.P. Mishra

Patron

Dr. T. Rama Rao

Advisor

Prof. K.G.S. Sharma

Editor

Prof. Neha Sharma

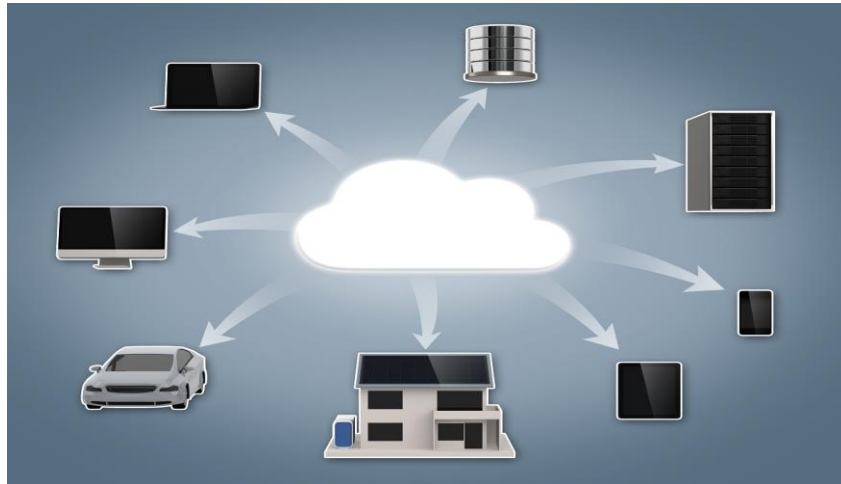
Why is Internet of Things (IoT) so important?

Over the past few years, IoT has become one of the most important technologies of the 21st century. Now that we can connect everyday objects—kitchen appliances, cars, thermostats, baby monitors—to the internet via embedded devices, seamless communication is possible between people, processes, and things.

The Internet of Things (IoT) describes the network of physical objects—“things”—that are embedded with sensors, software, and other technologies for the purpose of connecting and exchanging data with other devices and systems over the internet. These devices range from ordinary household objects to sophisticated industrial tools. With more than 7 billion connected IoT devices today, experts are expecting this number to grow to 10 billion by 2020 and 22 billion by 2025.

Eternal Present: Innovation with the Internet of Things in a World of Future

The Internet of Things (IoT) brings a heightened state of awareness, the Eternal Present, with continuous information inflows from across the value chain of enterprises. The patterns in the data are displayed on dashboards, making business leaders acutely conscious of pressing issues that can't wait for a resolution. No longer is the enterprise blinded by unnoticed problems buried in their systems. IoT data reduces the risk of enterprises being caught off-guard when latent risks snowball into a crisis unexpectedly. Instead, they can prepare for the Future based on the data from their operations and more.



MachineFi Lab Raises \$10M to Incentivize IoT Data Collection for Web 3

Samsung Next was among the backers of the round, which pushed MachineFi to a \$100 million valuation.

MachineFi Lab, which incentivizes the collection of real-world Internet of Things (IoT) device data through decentralized applications (dapps), has raised \$10 million in a seed funding round led by Samsung Next, Draper Dragon Fund and Jump Crypto. The round valued MachineFi at \$100 million.

The funding will go toward platform development, hiring and potentially the incubation of early-stage projects building on the platform, MachineFi Lab CEO and founder Dr. Raulen Chai told CoinDesk in an interview.

MachineFi was launched last year by the team behind IoTeX, a blockchain that connects IoT devices, such as cameras and sensors, to dapps. The connection of real-world devices to blockchain data could have a wide range of use cases, but could prove particularly valuable for bringing the metaverse into the real world, and vice versa.

Student Achievements

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- ✚ Ujjwal Sharma (batch 2016-2020) qualified GATE 2022 and secured AIR -1172.



- ✚ Aditi Sharma of 8th semester got selected in FACE Academy as Placement mentor.

- ✚ Shrey Sahil Baranwal of 8th semester got placed in CAPGEMINI as Analyst and TCS as System Engineer.



- ✚ D. Deepika of 8th semester got selected in FACE Academy as Placement mentor.

- ✚ V. Ganesh of 8th semester got placed in Jaiswal Nico Steel Plant as Trainee Engineer.



“Warmest congratulations to all on your well-deserved success”
-Department of ET&T

Faculty Achievements

- ✚ Prof. K. G. S. Sharma Completed 10 Days NSDC Suryamitra Skill Development ToT Training. Date of certificate Issue:- 15/4/22
- ✚ Prof. K. G. S. Sharma Attended 1-week AICTE sponsored workshop on 3D Printer attended at Idea lab SSIPMT from 21/2/22 to 26/2/22
- ✚ Dr. Md. Khaja Mohiddin Published a research paper on "Application of IoT & Cloud Computing in Automation of Agriculture Irrigation", in the Journal of Food Quality, Wiley-Hindawi Publications, ISSN:1745-4557 in January 2022. (SCI Indexed)
- ✚ Dr. Md. Khaja Mohiddin Published a book on "Antenna & Microwave Engineering", by Scientific International Publishing House, May 2022.
- ✚ Dr. Md. Khaja Mohiddin was Nominated as Convener during the 3rd International Conference on Recent Trends in Renewable Energy for Sustainable Development (ICRTRESD-2022) on 29th & 30th, April 2022.
- ✚ Prof. Praveen Tiwari Contribution in the pre-screening round of evaluations in Toyathon
- ✚ Prof. Pooja Agnihotri attended ATAL FDP 5 days on Signal processing for cognitive Neuroscience Applications 17 Jan - 21 Jan
- ✚ Prof. Pooja Agnihotri attended ATAL FDP 5 days on Recent Trends of emerging research advances in design aspects & innovative modeling techniques with miniaturization for electronics devices and circuits 24 Jan - 28 Jan
- ✚ Prof. Pooja Agnihotri attended ATAL FDP 5 days on Optoelectronics: Advanced materials and devices 01 feb - 05 feb.
- ✚ Prof. Pooja Agnihotri attended ATAL FDP 5 days on nanostructured materials and their applications 7feb - 11 feb.
- ✚ Prof. Pooja Agnihotri attended Organizing member in 3rd International conference on recent trends in renewable energy and sustainable development.
- ✚ Prof. Neha Sharma worked as a Co-Organizing Committee in 3rd International Conference
- ✚ Prof. Neha Sharma organized a webinar under the alumni interaction program on "Career After Engineering".
- ✚ Prof. Shravan Kumar Singh Attended 3 days workshop on "ToT Programme for upscaling Suryamitra on PV technology and entrepreneurship.