

Course Contents

- Introduction to IoT
- Architecture, Elements and Sensors -IoT
- Communication Protocols
- IoT Cloud and Security
- Blockchain and IoT
- Role of IoT in Industry and Society
- Real Time Applications of IoT
- Emerging Trends
- Hands-on sessions
- Research Directions

Scope of the Online FDP Programme

Internet of Things (IoT) is a revolutionary concept which involves combination of various advanced technologies for enabling better communication and automation. It is a network of physical devices, vehicles, home appliances, and other items embedded with electronics, software, sensors, actuators and network connectivity which are linked to create smart environments. IoT significantly reduces human effort and provide efficient operation and control. The concept of IoT includes multiple protocols/standards which imparts higher level of flexibility, reliability and interoperability. IoT applications are rapidly gaining importance and have laid the foundation for various initiatives across the world. Also, it is creating opportunities for more direct integration of the physical world into computer-based systems, which results in improved efficiency and accuracy. Hands-on sessions will explore the depth knowledge in IoT and its Applications.

Eligibility

Faculty, Research Scholars, PG Scholars and Interested Staff members from NIT Nagaland.

Registration

Only online Registration for the Course.
No Registration Fee.
Number of Participants is limited to 50.

Registration Link

<https://forms.gle/CuprD4U7rFZ8jdqD9>

Certification

The Certificates shall be issued by AICTE Training and Learning (ATAL) academy to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP.

Important Dates

Last date (Online Registration): 14-05-2020
Selection list by E-mail: 15-05-2020
Duration: 18-05-2020 to 22-05-2020

Organizing Committee

Department of CSE, NIT Nagaland

Contact us

For any clarifications, please contact:

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AICTE Training and Learning (ATAL) Academy



Online Five Days Faculty Development Programme (FDP) On

Internet of Things (IoT)

18th – 22nd May 2020

Patron
Dr. S. Venugopal
Director, NIT Nagaland

Convener
Dr. Themrichon Tuithung
HOD and Professor
Computer Science and Engineering

Coordinator
Dr. J. Arul Valan
Assistant Professor
Computer Science and Engineering



Organized by

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