

Constrained System Resources, Device Heterogeneity, Fixed Firmware IoT, Attacks: Side-channel Attacks, Reconnaissance, Spoofing, Sniffing, Neighbour Discovery Rogue Devices, Man-in-Middle, Building a machine learning based IoT application, provisioning machine learning to interact with sensors and actuators, Configuring ML device, Amazon Alexa.
Blockchain in IoT: System architecture, System Interface, System Interaction, Policy definition, Performance evaluation metrics

REFERENCES AND TEXTBOOKS:

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2. Vijay Madisetti and Arshdeep Bahga, "Internet of Things (A Hands-on Approach)", 1st Edition, VPT, 2014
3. Francis daCosta, "Rethinking the Internet of Things: A Scalable Approach to Connecting Everything", 1st Edition, Apress Publications, 2013
4. Cuno Pfister, Getting Started with the Internet of Things, O'Reilly Media, 2011, ISBN: 978-1-4493-9357-1