

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Question Paper Code: U2603**

Ph.D. COURSE WORK EXAMINATION, MAY 2024

Elective

Communication Systems

21PCM603- IoT FOR SMART APPLICATIONS

(Regulation 2019)

Duration: Three hours

Maximum: 100 Marks

Answer ALL Questions

PART - A (5 x 20 = 100 Marks)

1. (a) Explain about the internet of things today, time for convergence, towards the IOT universe, internet of things vision in detail. CO1- U (20)  
Or  
(b) How IOT is used in day today life and Data Management, Security, Privacy & Trust, Device Level Energy Issues. CO1- U (20)
2. (a) Discuss about the differing characteristics of M2M and IoT in detail. CO2- U (20)  
Or  
(b) Explain about how IoT plays an important role towards global context with case study CO2- U (20)
3. (a) Describe about IoT Reference Architecture in detail. CO3- App (20)  
Or  
(b) Explain about deployment and operational view of IoT in detail. CO3- App (20)
4. (a) Discuss about Value Creation from Big Data and Serialization, IoT for Retailing Industry. CO4- App (20)  
Or  
(b) Discuss about Home Management, eHealth application using IOT. CO4- App (20)
5. (a) Discuss about privacy and security issues in detail. CO5- App (20)  
Or  
(b) Discuss about IoT E-Governance in detail. CO5- App (20)

