**Annexure No. SA/14**

**School of Aeronautics (Neemrana)**

**I-04, RIICO Industrial Area, Neemrana, Dist. Alwar, Rajasthan**

**QUESTION PAPER OF INTERNAL ASSESSMENT EXAMINATION (THEORY)**

IAE – 1 Date:25.01.2019

Subject: Microcontroller and PLC. Batch: MT-2

Faculty Name: Deepak Tomar Semester: 6th

**(Answer any FOUR Questions. All Questions carry equal marks)**

* **Total No. of Questions : 08** **Total Marks: 30**

Q.1 What is the difference between Microcontroller and Microprocessor.

Q.2 Explain Pin Diagram of 8051 Microcontroller in detail.

Q.3 Elaborate features of 8051 Microcontroller.

Q.4 Describe external interfacing of memory with internal RAM and ROM.

Q.5 Explain types of 8051 Microcontroller in detail.

Q.6 Describe Architecture of 8051 Microcontroller.

Q.7 Describe PSW and also functions of RS1 and RS1.

Q.8 Explain Interrupts in 8051 Microcontroller.