

## **SOME OTHER PROJECTS IN DIGITAL AND ANALOGUE CIRCUIT**

**DIGITALLY ADJUSTABLE TIMER:** - A visual indication assures the uses in which time mode the circuit is operating out of 10 stages.(8-105)

**DIGITAL COUNTER OR DIGITAL SCORE BOARD:** - A unique circuit that can count revolution of motor in forward and reverse system. It can read till 999 in digits. (8-110)

**DIGITAL FREQUENCY COUNTER CUM CLOCK:** - A unique IC4033 based circuit can read unknown frequency and can be used as stop watch and clock.

**DIGITALLY ADJUSTABLE TIMER:** - A visual indication assures the uses in which time mode the circuit is operating out of 10 stages.(8-105)

### **AUTOMATIC DIGITAL ROOM LIGHT CONTROLLER:**

It counts the persons that enter and operate the electric bulb only if the any person is “IN”.

**DIGITAL IR VISITOR COUNTER-STOP WATCH:** - This solid-state digital stopwatch display time taken for an event in seconds' upto 99. (4-110)

**DIGITAL MESSAGE DISPLAY:** - The SEVEN digit English alphabets (More are optional) can be operated in a moving pattern using this device like WELCOME.

**TRUTH TABLE EVALUATOR & K-MAP PLOTTER:** - With this circuit you can evaluate the truth table as well as plot Karnaugh map of any Boolean expression.(02-12-96)

**ELECTRONIC DICE:** - This electronics dice makes a ‘throw’ for you at the push of button. The LED display looks as a conventional dice face. (5-12—6-14—10-148—16-130)

**DIGITAL DICE WITH NUMERIC DISPLAY:** - In this circuit the timer IC 555 is wired as an astable multivibrator that produces pulses at about 48KHz and it display a random number. (98-09-83)

**SOLID STATE ADVERTISEMENT DISPLAY:** - A 5 even output letter word can be display one by one switching off relay/traic operated bulb.(15-74)

**CLASSROOM ADDRESSING AMPLIFIER:** A circuit which helps the principal/teacher to address from single source to add classes.

**DIGITAL SPEED CONTROL OF DC MOTOR:** - It controls the speed of DC motor by changing its flux with digital control circuit. (14-124)

**SOUND CONTROLLED MOTOR DIRECTION CONTROLLER:** - A microphone amplifier with flip flop circuit causes to change the motor direction. (97-12-54)

**E-METER:** - It checks the radiation from visual display unit. The high radiations from computer monitor or TV may harm your eyes. The project check the level on the LED array unit.

**PRESSURE MONITOR:** - A 1mA meter is calibrated to measure 100 to 1000 ton mercury pressure using analogue electronics circuit using op-amps.(4-88)

**LED SCOPE:** - Conventional CRO is replaced by this LED scope. Using 150 LEDs at display module. The all types of waves viz. square, triangular and sine can be easily seen on this.(8-83—16-79)

**DIGITAL CLOCK USING ORDINARY COMPONENT:** - Using ordinary components, this is a basic circuit showing how frequency oscillation can be divided to get accurate timing module.(3-34)

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