

Hospital Instruments**Sr. No Model Equipments****1. Monitoring And Recording Equipments**

01	SKRIP-ECG-01	ECG System With Electrodes
02	SKRIP-ECG-02	ECG System With 6+6 Lead Selection Network
03	SKRIP-EMG-01	EMG System With Electrodes And Audio
04	SKRIP-EMG-02	EMG System With Elec. Audio & Stimulator
05	SKRIP-PCG-02	PCG System With Transducer And 5 Filter
06	SKRIP-HRI-D1	Digital Heart Rate Indicator
07	SKRIP-RRM-D1	Respiration Rate Meter
08	SKRIP-ANM-01	Apnea Monitor
09	SKRIP-FTM. 01	Foetus Monitor
10	SKRIP-BBI - 01	Baby Incubator
11	SKRIP-WRM-01	Baby Warmer
12	SKRIP-DVS-01	Digital Vibrosens

2 Surgical Equipments

01	SKRIP-SSE-250W	Solid State Electrocautery
02	SKRIP-SSE-500W	Solid State Electrocautery

3 Physiotherapy Equipments

01	SKRIP-NMS-01	Nerve And Muscle Stimulator
02	SKRIP-ETE-01	Balladeer Stimulator
03	SKRIP-UST-01	Ultrasonic Therapy
04	SKRIP-EMG-B1	EMG Biofeedback (Single Channel)
05	SKRIP-EMG-B1	EMG Biofeedback (Dual Channel),
06	SKRIP-HNL-01	Helium Neon Laser
07	SKRIP-IFT-01	Interference Therapy (IFT) Unit (5.Program)
08	SKRIP-LWT-01	Long Wave Therapy

4 Laboratory Equipments

01	SKRIP-USC-L1	Ultrasonic Cleaner
02	SKRIP-NSD-L1	Needle And Syringe Destroyer

5 Testing And Calibration Equipments

01	SKRIP-ECG-S2	ECG Simulator
02	SKRIP-ECG-SA	ECG Arrhythmias Simulator
03	SKRIP-EEG-S1	EEG Simulator
04	SKRIP-EOG-S1	EOG Simulator
05	SKRIP-EMG-S1	EMG Simulator
06	SKRIP-BSS-S1	Bio-Signal Simulator
07	SKRIP-RRM-S1	Respiration Rate Simulator

6 Electrodes

01	SKRIP-ECG-DE	ECG Disc Electrodes
02	SKRIP-EMG-SE	EMG Stimulator Electrodes
03	SKRIP-GSR-DE	GSR Electrodes
04	SKRIP-NMS-DE	Stimulator Electrodes
05	SKRIP-IFT-DE	IFT Electrodes

7 Transducer

01	SKRIP-PZT-T	Piezoelectric Pulse Transducer
02	SKRIP-PMG-T	Plethysmograph Transducer
03	SKRIP-DTI-T	Thermocouple Transducer
04	SKRIP-RRM-T	Respiration Transducer
05	SKRIP-PCG-T	PCG Transducer
06	SKRIP-TMT-T	Thermistor Transducer

07	SKRIP-UST-T	Ultrasonic Therapy Transducer
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Educational Biomedical Trainer Kits for Collages

Sr. No **Model** **Equipments**

1 Monitoring And Recording Equipments

01	SKRIP-ECG-01	ECG System With Electrodes
02	SKRIP-ECG-02	ECG System With 6+6 Lead Selection Network
03	SKRIP-ECG-H1	ECG System With Heart Rate Indicator
04	SKRIP-EEG-01	EEG System With Electrodes
05	SKRIP-EEG-02	EEG System With 10-20 Method
06	SKRIP-EOG-01	EOG System With Electrodes
07	SKRIP-EMG-01	EMG System With Electrodes And Audio
08	SKRIP-EMG-02	EMG System With Elec. Audio & Stimulator
09	SKRIP-PCG-01	PCG System With Transducer
10	SKRIP-PCG-02	PCG System With Transducer And 5 Filter
11	SKRIP-HRI-D1	Digital Heart Rate Indicator
12	SKRIP-HDI-D2	Digital Heart Rate Indicator With High-Low
13	SKRIP-PMG-01	Plethysmograph / Pulse Amplifier
14	SKRIP-RRM-D1	Respiration Rate Meter
15	SKRIP-ANM-01	Apnea Monitor
16	SKRIP-FTM. 01	Foetus Monitor
17	SKRIP-BBI - 01	Baby Incubator
18	SKRIP-GSR-01	GSR Meter
19	SKRIP-ADM-01	Audiometer
20.	SKRIP-VTL-01	Ventilator
21	SKRIP-MPA-01	Multipoint Amplifier / Bio-Amplifier
22	SKRIP-BPM-01	Blood Pressure Monitor
23	SKRIP-BFM-01	Blood Flow Measurement Ultrasonic
24	SKRIP-PFT-01	PFT / Spiro meter
25	SKRIP-PHY-01	8 Channels Physio-Screen (Pc Interfacing)
26	SKRIP-WRM-01	Digital Baby Warmer
27	SKRIP-DVS-01	Digital Vibrosens
28	SKRIP-MTM-PS	Medical Telemetry(Pulse)
29	SKRIP-MTM-AS	Medical Telemetry(For ECG, EMG Or Analog Signal)

2 Surgical Equipments

01	SKRIP-SSE-50W	Ophthalmic Solid State Electrocautery
02	SKRIP-SSE-250W	Solid State Electrocautery
03	SKRIP-SSE-500W	Solid State Electrocautery

3 Physiotherapy Equipments

01	SKRIP-SWD-01	Short Wave Diathermy
02	SKRIP-TNS-01	Tns
03	SKRIP-NMS-01	Nerve And Muscle Stimulator
04	SKRIP-ETE-01	Balladeer Stimulator
05	SKRIP-UST-01	Ultrasonic Therapy
06	SKRIP-EMG-B1	EMG Biofeedback (Single Channel)
07	SKRIP-EMG-B1	EMG Biofeedback (Dual Channel),
08	SKRIP-HNL-01	Helium Neon Laser
09	SKRIP-IFT-01	Interference Therapy (IFT) Unit (5.Program)
10	SKRIP-LWT-01	Long Wave Therapy

4 Laboratory Equipments

01	SKRIP-PLA-01	Polarised Amplifier
02	SKRIP-NPA-01	Non-Polarised Amplifier
03	SKRIP-DTI-01	Digital Temperature Indicator
04	SKRIP-USC-L1	Ultrasonic Cleaner
05	SKRIP-NSD-L1	Needle And Syringe Destroyer

5 *Testing And Calibration Equipments*

01	SKRIP-ECG-S2	ECG Simulator
02	SKRIP-ECG-SA	ECG Arrhythmias Simulator
03	SKRIP-EEG-S1	EEG Simulator
04	SKRIP-EOG-S1	EOG Simulator
05	SKRIP-EMG-S1	EMG Simulator
06	SKRIP-BSS-S1	Bio-Signal Simulator
07	SKRIP-RRM-S1	Respiration Rate Simulator
08	SKRIP-PAC-S1	Pacemaker Simulator
08	SKRIP-DCD-S1	D. C. Defibrillator Simulator
09	SKRIP-BPC-S1	Bp Cal & Measurement
10	SKRIP-NIBP-S1	NIBP Simulator
11	SKRIP-MPS-01	Medical Patient Safety
12	SKRIP-MPS-02	Medical Patient Safety Test

6 *Electrodes*

01	SKRIP-ECG-DE	ECG Disc Electrodes (Or Stickers Type)
02	SKRIP-ECG-LE	ECG Lime Electrodes With Rubber Straps
03	SKRIP-EEG-DE	EEG Disc Electrodes
04	SKRIP-EMG-NE	EMG Needle Electrodes
05	SKRIP-EMG-DE	EMG Disc Electrodes
06	SKRIP-EMG-CE	EMG Conc. Needle Electrodes
07	SKRIP-EMG-SE	EMG Stimulator Electrodes
08	SKRIP-EMG-RE	EMG Ring Electrodes
09	SKRIP-GSR-DE	GSR Electrodes
10	SKRIP-DCD-DE	D.C. Defibrillator Electrodes
11	SKRIP-PAC-DE	Pacemaker Electrodes
12	SKRIP-NMS-DE	Stimulator Electrodes
13	SKRIP-IFT-DE	IFT Electrodes

7 *Transducer*

01	SKRIP-PZT-T	Piezoelectric Pulse Transducer
02	SKRIP-PMG-T	Plethysmograph Transducer
03	SKRIP-DTI-T	Thermocouple Transducer
04	SKRIP-RRM-T	Respiration Transducer(PZT)
05	SKRIP-PCG-T	PCG Transducer
06	SKRIP-IRT-T	Infrared Sensor
07	SKRIP-TMT-T	Thermistor Transducer
08	SKRIP-PFT-T	Spiro Meter Solid-State Transducer (PFT)
09	SKRIP-PSR-T	Pressure Transducer
10	SKRIP-UST-T	Ultrasonic Therapy Transducer

8 *Demo Instruments*

01	SKRIP-HDM-DI	Hemo - Dialysis Machine
02	SKRIP-HLM-DI	Heart-Lung By Pass Machine
03	SKRIP-XRAY-DI	X-Ray
04	SKRIP-DCD-DI	D.C. Defibrillator
05	SKRIP-DCDS-DI	D.C. Defibrillator With Simulator
06	SKRIP-BCC-01	Blood Cell Counter
07	SKRIP-FTA-EK	Instrumentation Amplifier
08	SKRIP-ELS-EK	ECG Lead Selector
09	SKRIP-PAC-EK	INT-EXT. Pacemaker
10	SKRIP-PACS-EK	Pacemaker With Simulator

9 *Modules*

01	Amplifier A	ECG,EEG,EMG,	A1 TO A25
02	Control C	Amplitude, Pulse, R Network	C 1 TO C8
03	Detector D	Pulse, QRS, VT	D1 TO D6
04	Filter	Low, High, Band, Notch	F1 TO F5
05	Generators	Refra, Sync, White Noise, Sine, Astable,	G1 TO G11
06	Alarm	High, Low, Level, Timer, Display	I1 TO I10

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07	Convertor	F TO V, V TO F, Modulator, TX, RX	M1 TO M9
08	Power Supply	5, 6, 9, 12, 15V	P1 TO P5
09	Simulator	ECG,EEG,EMG,	S1 TO S7

1) Medical Projects**A) Amplifiers & Other instruments**

01	ECG system with Electrodes
02	ECG system with Heart Rate Indicator
03	EEG system with Electrodes
04	EOG system with Electrodes
05	EMG system with Electrodes and Audio
06	EMG system with Elec. Audio & Stimulator
07	PCG system with Transducer
08	PCG system with Transducer and 5 Filter
09	Digital Heart Rate Indicator
10	Digital Heart Rate Indicator with High-Low
11	Plethysmograph / pulse amplifier
12	Respiration rate meter
13	Apnea monitor
14	Foetus monitor
15	Baby incubator
16	GSR meter
17	PFT / Spirometer
18	Nebuliser
19	Ophthalmic Solid State Electrocautery
20	Solid State Electrocautery
21	Nerve and Muscle Stimulator
22	Balladeer Stimulator
23	Ultrasonic Therapy
24	EMG Biofeedback (single channel)
25	Interference Therapy (IFT) unit (5.program)
26	Needle and Syringe destroyer
27	D.C. Defibrillator
28	Blood Cell Counter
29	Medical Telemetry Pulse Signal
30	Medical Telemetry Analog Signal
31	Instrumentation Amplifier
32	ECG Lead Selector
33	INT-EXT. Pacemaker
34	Ventilator

B) Simulator

01	ECG Simulator
02	EEG Simulator
03	EOG Simulator
04	EMG Simulator
05	Bio-Signal Simulator
06	Respiration Rate Simulator
07	Pacemaker Simulator
08	D. C. Defibrillator Simulator
08	Bp Cal & Measurement
09	NIBP Simulator
10	Medical Patient Safety

C) Electrodes

01	ECG Disc Electrodes (Or Stickers Type)
02	ECG Lime Electrodes With Rubber Straps
03	EEG Disc Electrodes
04	EMG Needle Electrodes
05	EMG Disc Electrodes
06	EMG Conc. Needle Electrodes
07	EMG Stimulator Electrodes
08	EMG Ring Electrodes
09	GSR Electrodes
10	D.C. Defibrillator Electrodes
11	Pacemaker Electrodes
12	Stimulator Electrodes
13	Ph Electrodes
14	IFT Electrodes

D) Transducer

01	Piezoelectric Pulse Transducer
02	Plethysmograph Transducer
03	Thermocouple Transducer
04	Respiration Transducer
05	PCG Transducer
06	Infrared Sensor
07	Thermistor Transducer
08	Spiro Meter Solid-State Transducer (PFT)
09	Pressure Transducer
10	LVDI Transducer
11	Ultrasonic Therapy Transducer
12	Strain Gauge Transducer

2) Electronics Projects

01	Digital Temperature Indicator
02	Ultrasonic Cleaner
03	Adder Subtracted

3) Microcontroller Projects**A) 89C51**

01	Up-Down Counter
02	Temperature Indicator
03	Digital Timer
04	Digital Clock
05	Stepper Motor Controller
06	
07	

B) 89C2051

01	Up-Down Counter
02	Temperature Indicator
03	Digital Timer
04	Digital Clock
05	Stepper Motor Controller
06	Remote Control
07	

4) Industrial Automation Projects**5) Communication Projects****6) Power Supply Projects**

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SKRIP ELECTRONICS

7) ***Others Projects***

1) Amplifiers & Filters

01	Instrumentation Amplifier
02	Optical Amplifier
03	Amplifier with offset adjustment
04	Amplifier with Gain Control using inverting
05	Amplifier with Gain Control using Feedback
06	Instrumentation Amplifier using INA 110
07	Microphone Amplifier
08	Pressure amplifier
09	LDR Amplifier
10	IR Amplifier
11	Pulse Amplifier
12	Comparator
13	Inverting Amplifier
14	Non inverting Amplifier
15	Average Amplifier
16	First Order High Pass Filter
17	Second Order High pass Filter
18	First Order Low Pass Filter
19	Second Order Low Pass Filter
20	Adder amplifier
21	Subtraction Amplifier
22	50 Hz Notch Filter
23	50 Hz Notch Filter with Gain Amplifier

2) Timer, Oscillator, Alarms

01	555 Timer
02	Dual 555 Timer
03	Dual Timer IC 556
04	555 Timer with Amplifier
05	8038 Sine /square /triangular Wave generator
06	XR2206 Sine /square /triangular Wave generator
07	555 Timer with Relay Driver

3) Light Effects, IR, Remote Switch

01	Sequential Light 555 Timer + 4017 1 to 10 Channel adjustable
02	Star/Square/Circle/cross/Swastik indication using 555 + 4017
03	Light Intensity control using Traic
04	Traffic Light Control
05	I/R Remote Switch
06	4 Channel Remote Switch

4) Communication

01	FM Transmitter
02	Frequency to Voltage Convertor
03	Voltage to Frequency Convertor
04	4 Channel Remote Switch using FM module
05	Water Level Indicator
06	Pulse TX & RX
07	Analog TX & RX

5) Display

01	7 Segment Display using 7109 For mV/Volt/etc
02	Object Counter
03	10 Alpha Bit Display 555 + 4017

6) Audio, Sound

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SKRIP ELECTRONICS

1	Two Way Intercom
2	Voice Recorder 20 Sec
3	Sound Level Indicator

7) **Power Supply & Chargers**

1	Bridge Rectifier using 4 x 1n4007
2	78XX & 79XX
3	Nicad Charger
4	9V SMPS
5	Lead Acid Battery Charger

8) **Microcontroller**

9) **Other Kits**

1	Adder using
2	Subtracted using