



Savitribai Phule Shikshan Prasarak Mandal's
SKN SINHGAD COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to PAH Solapur University, Solapur)

Accredited with 'A+' Grade by NAAC

A/p- Korti, Tal- Pandharpur, Pin- 413304, Dist.- Solapur.

AICTE IDEA LAB

NBA Accredited UG Programs: Civil Engg., Mechanical Engg. & E&TC Engg.

e-mail: idealab@sknscoe.ac.in Website: <https://www.sknscoe.ac.in>

Dr. K. J. Karande

M. Tech., Ph.D. (E&TC Engg.)

PRINCIPAL

Dr. S. G. Kulkarni

M. E., Ph.D. (Mechanical Engg.)

VICE PRINCIPAL & CO-COORDINATOR

Dr. C. P. Pise

M. E., Ph.D. (Civil Engg.)

COORDINATOR

Ref: SKNSCOE/IDEALAB/2025-26/

Date:

Inventory of Equipment, Consumables and Tools

B2 : Consumables

Sr. No.	Equipment Name	Qty	Total
1	Vacuum Cleaner	1	5695.00
2	Hot Air Gun	5	17000.00
3	Measuring Equipment		
	Vernier Calliper 0-200mm	1	4930.00
	Vernier Hight Gauge 0-1000MM	1	32300.00
	Michrometer 0-50, 0.001 Outside 50-75	1	20400.00
	Michrometer 0-50, 0.001 Inside 50-75	1	18360.00
	Metal Scale	1	85.00
4	Fire Extinguisher 2 Kg	1	1190.00
5	First aid Box	1	1530.00
6	Digital Multimeter Mastek Make	5	5950.00
7	Clothes Iron 1000-Watt	5	5950.00
8	Electronic Component Repository		
	L.C.R. Meter	1	4165.00
9	3D Printer filament	2	2890.00
10	Acrylic Sheets (2-3-4-5 mm All of area 8ft × 4ft) 2 sheets each	2	31280.00
11	Foam Sheets (8-10-12-15 mm All of area 8ft × 4ft) 2 sheets each	2	31620.00
12	Ply Boards (8-12-18 mm All of area 8ft × 4ft) 2 sheets each		
	8 mm 8ft × 4ft	2	4352.00
	12mm, 8ft × 4ft	2	5440.00
	18 mm, 8ft × 4ft	2	8704.00
13	Nylon Rods (12-15-18-25 mm All of length 1m) 5 each		
	12 mm, length 1m	5	935.00
	15 mm, length 1m	5	1275.00
	18 mm, length 1m	5	1445.00
	25 mm, length 1m	5	2550.00
14	Nuts (3-4-5-6-8-10-12 mm) 100 each		
	3 mm Nuts	100	204.00
	4 mm Nuts	100	255.00

Signature valid

KAILASH JAGANNATH
KARANDE

15.01.2026 12:06



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	5 mm Nuts	100	298.00
	6 mm Nuts	100	391.00
	8 mm Nuts	100	595.00
	10 mm Nuts	100	765.00
	12 mm Nuts	100	1139.00
15	Bolts (Dia 3-4-5-6-8-10-12 mm) length (1",1.5",2",2.5") 100 each		
	3mm Bolts	100	3400.00
	4mm Bolts	100	3400.00
	5mm Bolts	100	3400.00
	6mm Bolts	100	3400.00
	8mm Bolts	100	4250.00
	10mm Bolts	100	5100.00
	12mm Bolts	100	5900.00
16	Screws (3-4-5 mm) 100 each		
	3 mm 1" Screw	100	136.00
	4mm 1.5" Screw	100	221.00
	5mm 2" Screw	100	340.00
17	Washers (3-4-5-6-8-10-12 mm) 100 each		
	3mm Washers	100	204.00
	4mm Washers	100	238.00
	5mm Washers	100	289.00
	6mm Washers	100	391.00
	8mm Washers	100	578.00
	10mm Washers	100	765.00
	12mm Washers	100	952.00
18	Studs 6 mm, length 2m	3	510.00
	Studs 8 mm, length 2m	3	612.00
19	Nails (1",2",3") 100 each		
	1" Nails	100	229.50
	2" Nails	100	229.50
	3" Nails	100	297.50
20	Adhesives (M-Seal, Feviquick, Fevi Bond) 10 each		
	M-Seal (1Kg)	10	5950.00
	Feviquick (20ml)	10	1700.00
	Fevi Bond 40ml glue	10	1445.00
21	2 Way Tapes	20	3740.00
22	PVC Pipes (0.75",1",1.5",2.5",3" Length 10 ft)		
	0.75", Length 10 ft	1	204.00
	1", Length 10 ft	1	272.00
	1.5", Length 10 ft	1	459.00

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	2.5", Length 10 ft	1	765.00
	3", Length 10 ft	1	1054.00
23	Aluminum Channels (L, C, Box, Strip Length 12 ft) 2 each		
	L 25x25x2 mm	2	1190.00
	C 25x25x25x2	2	1836.00
	Box 25x25x2	2	2448.00
	Strip 25x2	2	612.00
24	PCB Drill Bits (0.5-0.8-1 mm)		
	0.5mm PCB Drill Bits	20	2040.00
	0.8mm PCB Drill Bits	20	1530.00
	1mm PCB Drill Bits	20	1020.00
25	Drill Bits (3-4-5-6 mm)	20	4420.00
	3mm wood drill bit	20	
	4mm wood drill bit	20	
	5mm wood drill bit	20	
	6mm wood drill bit	20	
26	Drill Bits (8-10-12 mm)		
	8mm Multipurpose Drill Bit	5	1785.00
	10mm Multipurpose Drill Bit	5	2890.00
	12mm Multipurpose Drill Bit	5	4250.00
27	Carpentry Boring Bits (Entire Kit) 1 Kit	1	425.00
	Boring Wood Flat Drill Bit Set -6 Pieces	1	340.00
28	Electronic Active and Passive components (Resistors,Capacitors, diodes and Transistors) 10 each		
	Resistor		
	100 Ω , 1/4 w	10	17.00
	1K Ω , 1/4 w	10	17.00
	2K Ω , 1/4 w	10	17.00
	2.2K Ω , 1/4 w	10	17.00
	4.2K Ω , 1/4 w	10	17.00
	4.7K Ω , 1/4 w	10	17.00
	100K Ω , 1/4 w	10	17.00
	470K Ω , 1/4 w	10	17.00
	560K Ω , 1/4 w	10	17.00
	8.2K Ω , 1/4 w	10	17.00
	Capacitor		
	10Mfd	10	51.00
	0.47 uF	10	68.00
	0.22 uF	10	68.00

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	100 pF	10	51.00
	0.02 uF	10	68.00
	2.2 uF	10	68.00
	0.047uF	10	68.00
	33uF	10	102.00
	Diode (1N4007)	10	34.00
	Zener Diode 7.5V/ 1/2 w	10	68.00
	Transistors NPN	10	68.00
29	USB cables (For connecting Arduino and other development boards)		
	Arduino cable	10	1020.00
30	Radium Cutter Knives	10	1275.00
31	Glue Sticks	50	850.00
32	Hack Saw Blades (6" and 12")		
	6" Hack Saw Blades	10	34.00
	12" Hack Saw Blades	10	340.00
33	9V Battery Snaps	20	340.00
34	LAN Cable 1 mtr	5	510.00
35	9V Batteries	20	680.00
	Sub Total		292893.00
	GST 18 %		52721.00
	Total		345614.00

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