

Govt. Polytechnic Kullu (H.P.)
Engineering Workshop Practices Planning

Branch : Civil & Automobile Engineering

Semester: 2nd

Subject : Engineering Workshop Practices

Session: Jan.-2026

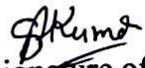
Teacher: Anurudh , WSI Fitting

Workshop	Month	Dates	Detail of Contents	Reference Resources	Remarks
Fitting Workshop	Jan./Feb.	Week 5 Week 1 Week 2 Week 3 Week 4	i) Demonstration of different fitting tools and drilling machines and power tools	R1,R2	
	Mar.	Week 1 Week 2 Week 3 Week 4 Week 5	ii) Demonstration of different operations like chipping, filing, drilling, tapping, sawing, cutting etc.		
	April	Week 1 Week 2 Week 3 Week 4 Week 5	iii) One simple fitting job involving practice of chipping, filing, drilling, tapping, cutting etc.		
	May.	Week 1 Week 3 Week 4 Week 5	Report Checking and evaluation.		


Teacher's references.


R1. A Text Book Workshop Technology by Dr. R. K. Singal

R2. Workshop Practices by Swarn singh


Signature of Teacher


Foreman


Workshop Supdt.


Signature of H.O.D.

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Teacher: **Narender Kumar , WSI Electronics**

Workshop	Month	Dates	Detail of Contents	Reference Resources	Remarks
Electrical House Wiring	Jan./Feb.	Week 5 Week 1 Week 2 Week 3 Week 4	Demonstration of advance power tools, pneumatic tools, electrical wiring tools and accessories. Practice on simple lamp circuits (i) one lamp controlled by one switch by surface conduit wiring,	R1	
	Mar.	Week 1 Week 2 Week 3 Week 4 Week 5	(ii) Lamp circuits connection of lamp and socket by separate switches (iii) Connection of Fluorescent lamp/tube light,		
	April	Week 1 Week 2 Week 3 Week 4 Week 5	(iv) simple lamp circuits-in- stall bedroom lighting. (v) Simple lamp circuits- install stair case wiring.		
	May.	Week 1 Week 3 Week 4 Week 5	vi) Demonstration of measurement of Current, Voltage, Power and Energy.vii) Tools for Cutting and drilling Report Checking and evaluation.		


Teacher's references.

R1. A text book of Electrical Workshop practices by Dr. Umesh Rathore , Katson Publication.


Signature of Teacher


Foreman


Workshop Supdt.


Signature of H.O.D.

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Teacher: Bhupinder, WSI Welding

Workshop	Month	Week	Detail of Contents	Reference Resources	Remarks
Welding Workshop	Jan./Feb.	Week 5	i) Demonstration of different welding tools / machines.	R1,R2	
		Week 1			
		Week 2			
		Week 3			
Welding Workshop	Mar.	Week 4	ii) Demonstration on Arc Welding, Gas Welding, MIG, MAG welding, gas cutting and rebuilding of broken parts with welding		
		Week 1			
		Week 2			
		Week 3			
Welding Workshop	April	Week 4	ii) Demonstration on gas cutting and rebuilding of broken parts with welding		
		Week 5			
		Week 1			
		Week 2			
Welding Workshop	May.	Week 3	iii) One simple job involving butt and lap joint		
		Week 4			
		Week 5			
			Report Checking and evaluation		
			Report Checking and evaluation		

Teacher's references.

R1. A Text Book Workshop Technology by Dr. R. K. Singal

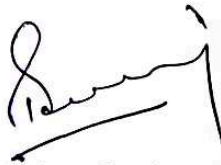
R2. Advanced Welding Technology by Dr. S.P. Tewari



Signature of Teacher



Fore man



Workshop Supdt.



Signature of H.O.D.

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Teacher: Swarn Singh , Foreman Instructor

Workshop	Month	Week	Detail of Contents	Reference Resources	Remarks
Carpentry Workshop	Jan./Feb.	Week 5 Week 1 Week 2 Week 3 Week 4	i) Demonstration of different wood working tools / machines.	R1,R2	
	Mar.	Week 1 Week 2 Week 3 Week 4 Week 5	ii) Demonstration of different wood working processes, like planing, marking, chiseling, grooving, turning of wood etc.		
	April	Week 1 Week 2 Week 3 Week 4 Week 5	iii) One simple job involving any one joint like mortise and tenon dovetail, bridge, half lap etc.		
	May.	Week 1 Week 3 Week 4 Week 5	Report Checking and evaluation. Report Checking and evaluation		

Teacher's references.

R1. A Text Book Workshop Technology by Dr. R. K. Singal

R2. Advanced Welding Technology by Dr. S.P. Tewari



Signature of Teacher



Workshop Supdt.



Signature of H.O.D.