

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

Branch : Civil & Automobile Engineering
 Subject : Engineering Workshop Practices
 Teacher: Anurudh , WSI Fitting

Semester: 2nd

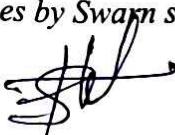
Session: Jan.-2026

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.		

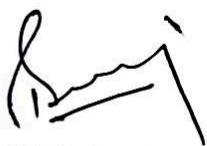
Teacher's references.

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.

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

Branch: Civil & Automobile Engineering

Semester: 2nd

Subject: Engineering Workshop Practices

Session: Jan.-2026

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.

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

Branch : **Civil & Automobile Engineering**

Semester: **2nd**

Subject : **Engineering Workshop Practices**

Session: **Jan.-2026**

Teacher: **Bhupinder , WSI Welding**

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

Teacher's references.

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

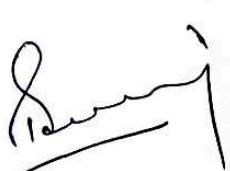
R2. *Advanced Welding Technology by Dr. S.P. Tewari*



Signature of Teacher



Fore man



Workshop Supdt.



Signature of H.O.D.

Govt. Polytechnic Kullu (H.P.)
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 Teacher: Swarn Singh, Foreman Instructor

Semester: 2nd
 Session: Jan.-2026

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 plaining, 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, bridle, 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.