Name of Teacher :- Gaurav Puwari Subject: Elements of Strength of Materials Class: 4th Semester

No.	Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
1	January	5th week	27,28,29,30		Introduction to stress and strain, tensile and compressive stress. Shear stress and strain. Hook's law	
2		1st week	3,4,5,6	Unit I: Stresses and strains:	Young's Modulus of elasticity, Modulus of Rigidity, Poisson's ratio, Bulk Modulus, Deformation and stress in uniform bar. Deformation and stress in non-uniform bar, Longitudinal and hoop stress in thin cylinders.	
3	February	2nd week	10,11,13		Concept of Beam and their types (simply supported, overhanging, cantilever), Different types of supports,	
4		3rd week	17,18,19,20		Concept of bending moments and shear force. B.M and S.F. diagram for Beams; for uniformly distributed and concentrated loads.	1st Assignment
5		4th week	24,25,27	0	Determination of position of maximum B.M and S.F. in beam. Point of contra flexure.	
6		1st week	3,4,5,6		Concept of simple bending, assumptions made in it and derivation of bending equation, Concept of Second Moment of Area	
7	March	2nd week	10,11,12,13	Unit III: Bending and Shear Stresses:	Section Modulus for simple sections: Rectangle cross section, Circular cross section, Triangular cross section. Hollow circular cross section.	2nd assignment
8		3rd week	17,18,19,20		Calculation of bending stresses for the above section with given loading and span.	class test 1
9		4th week	24,25,26,27		Leaf Springs, Maximum deflection in leaf springs,	
10		1st week	1,2,3	Unit IV: Springs:	Maximum stress in leaf springs, close coiled and open coiled springs subjected to aidal load and axial twist,	
11		2nd week	7,8,9,10		Stiffness of a spring, Strain energy and proof resistance.	
13	2 April	3rd week	16,17	SPER	Concept of torque and angle of twist, Derivation of Torsion equation.	2nd class test
1		4th week	21,22,23,24	Unit V: Shaft Design &	Calculation of Torque transmitted by hollow and solid shafts of round sections Stresses in shaft,	
1	4	5th week	28,30	Columns	Shaft coupling and various types (concept only) Design of shafts (Solid and hollow)	3rd Assignment
1	5	1st week	1,		Shaft under torsion,	PTM
1	6	2nd week	No. of Concession, Name of Street, or other Persons, Name of Street, or other Persons, Name of Street, Name of	DOM: NO	House Test	
1	7 May	3rd week	13,14,15,19,20,	Unit V: Shaft Design &	Columns: Long and short columns. Buckling of columns, Euler Formula.	HEREN THE

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Name of Teacher :- Jitender Kumar Subject: Auto Chassis Body & Transmission-II Class: 4th Semester

No.	Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
1	January	5th week	28,29,31		Function type - Independent, rigid axle. Springs, functions, and types (coil, leaf and torsion bar),	12003
2		1st week	1,4,5,7,	sp	sprung and un-sprung weight, Characteristics of springs, material, spring eye, bushes, variable rate spring, helper leafs, leaf sections.	
3	February	2nd week	11,14,15	System:	Camber grading and nippling spring seats, rubber pads, pressure blocks, spring covers; inter leaf inserters, pneumatic suspension system.	
4		3rd week	18,19,21,22		Function and construction of hydraulic dampers (shock absorbers), active suspension system and diagnosis of common faults and their rectifications.	1st Assignment
5		4th week	25,28		Purpose of brakes, lay out of braking system, components, Types of brakes- mechanical, hydraulic, power.	
6		1st week	1,4,5,7	Unit II: Braking System:	Principle of hydraulic brakes, braking action, master cylinder, wheel cylinder, leading and trailing shoes, self-adjusting brakes.	
7		2nd week	11,12,15		Drum brakes - construction and working details. Disc brakes - constructional and working details.	2nd assignment
8	March	3rd week	18,19,21,22		Power Brakes: Air, air hydraulic, hydraulic vacuum their construction and working details. Brake fluid and characteristics, brake liner, hand brake.	class test 1
9		4th week	25,26,28,29		engine exhaust brake system and its importance, brake tests, antilock braking system with electronic brake distribution, common faults and their rectification.	
10		1st week	1,2,4,5		Wheels, types, hub attachment, wheel specification, tyres classification and purpose, types and construction of pneumatic tyre.	
11	April	2nd week	8,9,11	Unit III: Wheel and Tyres:	causes of excessive tyre wear, effects of different condition of vehicles stability. Care and maintenance of tyres, tubes, retreading of tyres,	
12		3rd week	16,19		tubeless tyres, Run flat tyres, concept of green	2nd class test
13		4th week	22,23,25		tyres, wheel. Preventive design, designing for minimum injury	
14		5th week	26,30	Unit IV: Automotive Safety Systems:	in accident, seat belts, seat belt pre-tensioner with load limiter, airbags, electronic vehicle stability (traction control system, Hill Hold)	3rd Assignment
15		Ist week	2,3		occupants protection system, pedestrian protection, isocer seet fix, child-lock.	PTM
1	May	2nd week		Name of the last	House Test	
1		3rd week	13,14,16,17,20	Unit V: Miscellaneous:	SHVS system, lane departure warning, adaptive cruise control.	
1	8	4th week	21,23,24,27,28		automatic emergency braking system, 3609 degree camera	

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Name of Teacher :- Rishu Dhiman

Subject: Auto Engine Class: 4th Semester

No.	Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
1	January	5th week	29,30,31		Engines, internal and external combustion Engines, Engine terminology including Bore, Stroke, dead centres, Compression Ratio, Swept volume, clearance volume, compression ratio,	
2		1st week	1,5,6,7	Unit I: Introduction:	Engine capacity, Engine torque, Indicated power, Brake power, Friction power, Classification of engines as per stroke, cycle, fuel, ignition, cooling, speed, number and arrangement of cylinders, governing, reciprocating and rotary,	
3	February	2nd week	13,14,15		Concept of 2-stroke and 4- stroke engines and their comparison.	
4		3rd week	19,20,21,22	7000000	Construction details, specification, function and working of components, cylinder block, head,	1st Assignmen
5		4th week	27,28	Unit II: Engine Components:	cylinder liner, piston, piston rings, wrist pin, connecting rod, crankshaft bearing, camshaft, valves and valves mechanisms. Fly wheel and dampers.	
6	1st week 1,5,6		1,5,6,7		Testing of I.C. engine and determination of Indicated Power and Brake Power.	
7.	March	2nd week	12,13,15	Unit III: IC Engine Testing:	Mechanical Efficiency, Volumetric efficiency, Thermal Efficiency, Relative Efficiency, Mean Effective Pressure and	2nd assignmen
8		3rd week	19,20,21,22		Specific fuel consumption. Heat balance sheet, Morse Test. Simple numerical problems.	class test 1
9		4th week	26,27,28,29		Fuel System: types of fuel feed system, gravity and pump feed. Fuel injection system, Fuel tank, fuel lines, fuel filters,	
10		1st week	2,3,4,5	Unit IV: Fuel System in spark Ignition Engine:	carburetion, working of simple carburetor and its limitation.	
11		2nd week	9,10,11		Petrol Injection: Introduction, Comparison with Carburetor method, Description and working of multipoint fuel injection (M.P.F.I.),	R B
12	April	3rd week	16,17,19		Advantages and disadvantages of M.P.F.I., Sensors and construction of ECU.	2nd class test
13		4th week	23,24,25		Ignition system: Concept of ignition system, types of ignition systems, Battery/coil and magneto ignition system,	
14		5th week	26,30		Function and working of ignition coil, distributors, condenser, advance mechanisms, C.B. Point and gap, spark plugs and gaps pertaining to Indian vehicles, Distributor less Ignition System, transistorized ignition system.	3rd Assignmen
15		1st week	1,2,3	Unit V: Cooling System and lubrication System:	Cooling system: necessity, types (air, water), pump circulation cooling., Advantages & Disadvantages of Air cooling &water cooling.	PTM
16		2nd week			House Test	
17	May	3rd week	14,15,16,17		Components of Water cooling system-Radiators, thermostat, water pump, Fan, Pressure cap, Water jackets, anti-freeze solution, trouble shooting and remedies.	
18		4th week	21,22,23,24,28	Unit V: Cooling System and Jubrication System:	Lubrication System: Necessity and types of Lubrication system. (Splash System. Pressure system), Wet and dry sump, Components used, oil pump, oillness, oil filters, oil coolers, crankcase ventilation, characteristics, classification and service ratings of lubricating oil, additives for Lubricants.	

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Name of Teacher :- Jitender Kumar Subject: Program Elective (Tractor & Farm EQ.) Class: 4th Semester

¥a.	Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
	January	5th week	30,31		Classification of tractors, main tractor assemblies, functions on farm tractors, types of engine used, Horse power requirement,	
2		1st week	1,6,7		human factor in tractor design. Prominent Indian makes tractors, specifications,	
		2nd week	13,14,15	Unit- I: Tractor and Tractor Theory:	selection, maintenance and operation of tractors. Tractor Theory: Basics trends in tractor design,	
4	February	3rd week	20,21,22		forces acting on a tractor on move, parallel pull and rolling resistance, tractor stability and weight distribution.	1st Assignmen
5		4th week	27,28		Functions of hydraulic system, hydraulic components, and methods of attaching implements	
6		1st week	1,6,7	Unit- II: Hydraulic System and Tractor Chassis	classification of hydraulic controls for hitches, integral hitch system, three point hitches, and draft control system. Tractor Chassis: Salient features of engine, clutch, power transmission, final drive,	
7	March	2nd week	13,15		brakes and steeping of Indian tractors. Supplementary System Power take off shaft, draw bar working, belt pulley, tractor control.	2nd assignmen
8		3rd week	20,21,22	Unit III: Tractor	Sallent features of wheels and tyres, specifications of wheels and tyres,	class test 1
9		4th week	27,28,29	Wheels and Tyres:	dual versus tandom tyres, tread design, effect of tyre inflation.	
2.0		1st week	3,4		Types of agriculture equipment, trailer and mounted types,	
1	1 April	2nd week	5,10	Unit- IV: Agricultural	description and working principles of ploughs, single plough,	
1	2	3rd week	11,17	Equipment:	disc plough, tiller,	2nd class test
1	3	4th week	19,24		cultivator, reaper, winnowers,	
1	4	5th week	25,26		binder, thrasher,	3rd Assignment
1	5	1st week	1,2,3		pumps, sprayers and attachments.	PTM
1	6 7 May	2nd week			House Test	
1		3rd week	15,16,17	Unit- V: Repair and	Faults and their rectification in tractor and farm equipment	
	8	4th week	22,23,24	Maintenance:	Faults and their rectification in tractor and farm equipment	

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Name of Teacher :- Pushap Raj Sharma Subject: P

Subject: Program Elective (MVA & TM) Class: 4th Semester

s. No.	Month	Week	Date	Name of Chapter	Contents to be taught	Remarks
1	January	Sth week	27,31	Unit-I: Motor Vehicle	Definition and provisions (Salient features of M.V. Act1988) Requisites and formalities for following: Different forms, application for variousUses,	
2		1st week	1,3,7	Act:	Registration of old and new vehicles, Private and commercial vehicle, Transfer of vehicle: Local and State to State.	
3	February	2nd week	10,14,15		Fitness of vehicle, Private and Commercial Different types of permits, Permit consideration for transport and public service and tourist permit.	
4		3rd week	17,21,22	Unit- II: Inspection, Fitness and Insurance of Vehicle:	Insurance: Different types of insurance and policies, Procedure to get Accidental claim and compensation,	1st Assignment
1		4th week	24,28		Surveyor duties, Relations between company and surveyor, MACT (Motor accident claims tribunal).	
	6	1st week	1,3,7		Driving License, Different types of driving licenses, Procedure to get license, Private, commercial, invalid, international license,	
	7 March	2nd week	10,15	Unit III: Driving and Road Safety:	Principle of Driving, Driving precautions. Driving in abnormal conditions: Like Hilly, night, fog, typhoon, heavy traffic, rainy	2nd assignment
-	8	3rd week	17,21,22		Road Safety: Road Signs, Imposition of Penalties for violation, Act and Articles, Duties of Driver, Duties of conductor.	class test 1
	9	4th week	24,28,29		Different contents of exhaust gas, Prescribed standards for vehicles:	
-	10	1st week	4,5	Unit- IV: Pollution	bharat stage norms,	La constant
	11	2nd week	7,11	Control:	Method of Control of pollution for SI and CI engines, Fuel efficiency	
	12 April	3rd week	19,21		Structure of fleet organization, State transport, optimum utilization of fleet,	2nd class test
	13	4th week	22,24	Unit- V: Transport	Road worthiness requirement, Maintenance of log book, History sheet,	
	14	5th week	28,29	Management:	causes and prevention of: Road Accident Analysis of Accident,	3rd Assignment
	15	1st week	2,3		Economy of replacement, Assessment of used vehicles for sale and purchase,	PTM
	16 Mar	2nd week			House Yest	
	17	3rd week			t Automotive Associations in India.	
	18	4th week		6 Management:	Revision	

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	-	THE RESERVE AND ADDRESS.	eacher :- I	Parveen K		ssence of Indian Knowledge and Tradition Class: 4th Seme	and the second s
lo.	Month	We	eek	Date	Name of Chapter	Contents to be taught	Remarks
1	January	Sth	week	29,30		introduction and Function of Indian Knowledge System(IKS). The Basic Structure of Indian Knowledge System The 4 Vedas, Namly ऋग्वेद (Rigveda) ,यजुर्वेद (Yajurveda),सामवेद (Samaveda) ,अथवंववेद(Atharvaveda)	
2		Is	t week	5,6	Unit 1 Indian Knowledge System	The 4 UpVedas, Namely आयुर्वेद (Ayurveda (health-care)), धनुर्वेद (Dhanurveda(archery)), गंधवंवर्वेद (Gandharva-veda (dance, music etc.)) and स्थापत्यवेद (Sthapatyaveda (architecture))	
3	Februa		nd week	13,	Knowledge system	The 6 Vedagangs ,namely Shiksha (शिक्षा), Kalpa (करूप), Vykarana (ट्याकरण), Chhandas(उं दस), Nirukta (शनस्कत), and Jyotisha(ज्योशिष).Itihasa (इशिहास) (Ramayana रामायण and Mahabharata and Purana पुराण (Vishnupurana शर्वेष्णुपुराण ,	
4		3	rd week	19,20		Bhagavata Purana (भागवि पुराण) etc.) Dharmashatraधमविस्त्र (Manusmriti मनुस्मृशि, Yajnavalkya- smriti याजवेल्क्यस्मृशि, etc.).Darsha. Nyaya न्याय (Logic and Epistemol	1st Assignment
5	5		4th week	27,	Unit 2 : Modern	Modern science: Introduction, Characteristics, Importance and Example	
	6		1st week	5,6	Science	Difference between modern Science and Indian knowledge system	
	7		2nd week	12,13		Role of IKS in modern science.	2nd assignment
	8 Ma	rch	3rd week	19,20		Traditional knowledge: Definition, nature, characteristics, scope and importance	class test 1
-	9		4th week	26,27	Unit 3 : Traditional		
1	10		1st week	2,3	knowledge	Traditional knowledge vis-a-vis Indigenous knowledge	
1	11		2nd week	9,10		Traditional knowledge Vs western knowledge The need for protecting traditional knowledge	
1	12		3rd week	16,1	,	Yoga: Meaning and Importance of Yoga Yoga and physical health, Yoga and psychological health, Yoga and intellectual health,	2nd class test
1	13	April	4th week	23,2	Unit 4 : Yoga and	Imanagement through roga	
	34	Care Sth week 30,			Physical Fitness, Health and wellness: Meaning and Importance of Wellness, Components of Wellness, Health and physical Fitness; Traditional sports & Regional Games for promoting wellness: Leadership through Physical Activity and Sports: Introduction to First Aid.	3rd Assignmen	
	15		1st wee	100	Unit 5 : Himach Pradesh:	History, Culture, Heritage/ Tradition, Customs & Manners, House Test	PTM
	16	Market .	2nd we	ek		Regional Knowledge, Geographical Features, Constitutional	
	17	May	3rd we	ek i	4,15 Unit 5 : Himacl Pradesh: A Ba	History Sic Tourism Place & Scope	
			4th we	The second second	22,28 Information	The state of the s	The second second

PARVEEN KUHARI

(Labs/Workshop)

lame o	of Teacher:- Pushap Raj Sharma				
	of Lab/Workshop: Elements of Fluid Lab	Class/Branch:- 4th sem/Automobile Engg.	Group:- G 1		
Sr. No.	. Description of Practical job		Date	Remarks	
1	To study tensile behavior of the	ree different metals.	27-Jan		
2	To calculate shear strength of double shear.	two different metal under single and	3-Feb		
3	Test on a spring to find out spr	Test on a spring to find out spring constant of the spring.			
4	Calculation of impact strength Charpy test • Izod test	of metals by	17 & 24 Feb		
5	To calculate bending strength	by performing bending	3-Mar		
6	To calculate torsion strength	of 3 different metals by torsion test.	10-Mar		
7	To calculate hardness of met	To calculate hardness of metals by Rockwell hardness test.			
1	Study of a reciprocating pum	ip.	24-Mar		
	9 Study of a centrifugal pump.		7-Apr		
1	Verification of Bernoulli's the	eorem.	21 & 28 Apr		
	11 Measurement of flow with \	Measurement of flow with Venturi meter & Orifice meter			

Signature of Teacher

(Labs/Workshop)

Name o	f Teacher:- Pushap Raj Sharma	Designation:-Lecturer Auto			
	of Lab/Workshop: Elements of Fluid Lab	Class/Branch:- 4th sem/Automobile Engg.	Group:- G 2		
Sr. No.	Description of Practical job		Date	Remarks	
1	To study tensile behavior of thr	ee different metals.	28-Jan		
2	To calculate shear strength of to double shear.	two different metal under single and	4-Feb		
3	Test on a spring to find out spr	ring constant of the spring.	11-Feb		
4	Calculation of impact strength Charpy test • Izod test	of metals by	18-Feb		
5	To calculate bending strength	by performing bending	25-Feb		
6	To calculate torsion strength	of 3 different metals by torsion test.	4 & 11 Mar		
7	To calculate hardness of met	als by Rockwell hardness test.	18-Ma		
8	Study of a reciprocating pum	p.	25-Ma	r	
9	Study of a centrifugal pump.		1 & 8 Ap	r	
1	O Verification of Bernoulli's th	eorem.	22 Apr & 13 Ma	y	
1	Measurement of flow with	Measurement of flow with Venturi meter & Orifice meter			

Signature of Teacher

(Labs/Workshop)

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me of Te	acher:-Rishu Dhiman	Designation:-Lecturer Auto		
	b/Workshop:-Automobile Practice- II	Class/Branch:- 4th sem/Automobile Engg.	Group:- G 1	
r. No. Des	scription of Practical job		Date	Remarks
	placement and Servicing of rection, adjustment of free	steering system - steering gear boxes play.	28/1	
	ecking and adjustment of ca n inclination in steering geon	mber, caster, toe in and toe out, king netry.	31/1	
3 in		suspension system - leaf springs, spring - torsion bar, telescopic shock	4/2	
4 V	Vheel balancing - static and c	lynamic.	7/2	
5 0	Dismantling and assembly of	oil pumps.	11/2	
6		eaning of radiator and refitting in It tension by self-adjusting and	18/2	
7	Painting job on Vehicle Comp	ponents.	21/2	
8	Dismantling and assembly o	f injectors.	25/2	
9	Practice in complete servicing filter, oil filter replacement per maintenance schedule of the complete servicing per maintenance servicing per maintenance schedule of the complete servicing per maintenance sche	ng of a vehicle i.e. engine oil, Gear oil fue , Coolant, Air filter, Cabin AC filter etc. as of the vehicle.	28/2	
10	Fault tracing of different se	ensors through engine car scanner.	4/3,7/3	
11	Fault tracing of supplement	ary restraint system (SRS).	11/3	
12	Studyof ABS, traction contr		18/3	
13	Programming through tead	h pendant of Industrial robot.	21/3,25/3	
14	clearance (Engine Tune-up injection pump.	alve clearance and adjustment of tappet o)Dismantling and assembly of fuel	28/3,1/4	
15	Demonstration of CRDI or engine scanner.	MPFI System used in modern vehicle us	ing 4/4	
10	Servicing feed pump: med	chanical pump, electrical pump and testin	ng. 8/4	

7 0	ouble shooting of engine: Diagnosing and rectifying to the ollowing troubles - Engine overheating, high oil consumption, engine noises and knocks, high fuel consumption, starter turns the engine on but the enginedoes not start, engine fires but dies out, engine misfires, lack of power, poor acceleration, engine produces black or white smoke.	11/4,22/4
18	Practice of cylinder ridge removing using ridge cutter and alignment of connecting rod.	25/4
19	Practice of fitting cylinder liner – sleeving and de-sleeving.	2/5,13/5,16/5
20	Engine testing and finding out fuel consumption, Engine output and efficiency using engine test rig (Petrol/Diesel).	20/5,23/5,27/5

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Name o	of Topal	Lesson Plan		
Man	of Teacher:-Rishu Dhiman	(Labs/Workshop)		
source C	of Lab/Mark	- Lecturer Auto		
or anch:- 4th		Group:- G 2		
	The state of the s			
1	correction, adjustment of free pl	eering system - steering gear boxes	Date	Remarks
2	Checking and adjust		27/1	
	Replacement and Comit		30/1,3/2	
3	Replacement and Servicing of su independent suspension – coil si absorber	spension system - leaf springs, pring - torsion bar, telescopic shock	6/2	
4	Wheel balancing - static and dyn		5/2	
5	Dismantling and assembly of oil		10/2, 13/2	
	Fushing out water jackets, slave		17/2	
6	automatic adjusting.	ension by self-adjusting and	20/2,24/2	
7	Painting job on Vehicle Compon	ents.	200	
8	Dismantling and assembly of injuries	ectors.	27/2	
	Practice in complete servicing or	f a vehicle i.e. engine oil, Gear oil fuel	3/3,6/3	
9	per maintenance schedule of th	e vehicle.	10/3	
10	Fault tracing of different sensor	s through engine car scanner.	13/3,17/3	
11	Fault tracing of supplementary re	estraint system (SRS).		
12	Studyof ABS, traction control sy	stem model.	20/3	
	Programming through teach per	ndant of Industrial calculation	24/3,27/3	
13	o seguinati per	on muustriai robot.	3/4	
14	Setting of engine timing, valve of clearance (Engine Tune-up)Disn injection pump.	learance and adjustment of tappet nantling and assembly of fuel	7/4,10/4	
15	Demonstration of CRDI or MPFI engine scanner.	System used in modern vehicle using	17/4	
16	Servicing feed pump: mechanic	al pump, electrical pump and testing.	21/4,24/4	

17	Trouble shooting of engine: Diagnosing and rectifying to the following troubles - Engine overheating, high oil consumption, engine noises and knocks, high fuel consumption, starter turns the engine on but the enginedoes not start, engine fires but dies out, engine misfires, lack of power, poor acceleration, engine produces black or white smoke.	28/4,1/5
18	Practice of cylinder ridge removing using ridge cutter and alignment of connecting rod.	15/5
19	Practice of fitting cylinder liner – sleeving and de-sleeving.	19/5
20	Engine testing and finding out fuel consumption, Engine output and efficiency using engine test rig (Petrol/Diesel).	22/5,26/5

Signature of Teacher

Name o	of Teacher:-Jitender Kumar	(Labs/Workshop)		
Name o	of Lab/Workshop:-	Designation:-Workshop Supdt.		
Oriving Practice I		Class/Branch:- 4th sem/Automobile Engg.	Group:- G 1	
Sr. No.	Description of Practical job		Date Remarks	
1	Know your vehicles- Different elements and their functions.		27/1	Remarks
2	Vehicles controls- Hand controls, Foot controls, other controls, Major/MinorControls.		28/1	
3	Pre driving checks- before sittle thedriver's seat.	3/2		
4	Beginning to Drive, Setting of rusers characteristics, Road ser Judgment, Gear changing (high steering for controlling, Road: Signals (hand signal, traffic sign engine Precautions before moving the vehicles., Positioni distance, Following Distance, P. Driver's responsibility on road,	4/2,10/2		
5	Driving practice on driving simulator, driving in abnormal condition namely hilly and night, rain and heavy traffic.		11/2	
6	Driving Practice with vehicle: Simple (in the ground or within the institution about 30 K.M.per student).		17/2,18/2, 24/2,25/2, 3/3, 4/3, 10/3, 11/3, 17/3, 18/3	
7	Important Provisions of Motor Vehicles Act, Accidents &Safety: Learning License, Display of learning sign on the vehicle, Regular Driving license, General Insurance, Vehicle Registration, Pollution test standards/certificates., log book and other documents. Causes of accidents and precaution to avoid accidents.		24/3, 25/3, 1/4, 7/4, 8/4, 21/4, 22/4	
8	Routine Maintenance: Engine lubrication and cooling system, Battery top up and charge, Tyre wear and wear, Washing, cleaning, greasing and polishing etc.		28/4, 13/5, 19/5, 20/5, 26/5, 27/5	
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	of Teacher:-Gaurav Puwari of Lab/Workshop:-	(Labs/Workshop)		
Driving	Practice	- Lecturer		
-	cuce	Class/Branch:-		
Sr. No.	Description of Practical job	4th sem/Automobile Engg.	Group:- G 2	
1	Know your vehicles- Different elements and their functions.		Date	Remarks
2	Vehicles controls- Hand controls, Foot controls, other controls,		28/1	The state of the s
3	Pre driving checks- before sitting on the driver seats, after sitting on the driver seats, after sitting on		31/1	
	Beginning to Drive Setting of		4/2	
4	Signals (hand signal, traffic signals (hand signal, traffic signals) traffic signals (high standard) traffic signals) traffic signals (high standard) traffic signals) traffic signals (high standard) traffic signals) traffic si			
5	Driving practice on driving simulator, driving in abnormal condition namely hilly and night, rain and heavy traffic.		7/2, 11/2, 14/2	
6	Driving Practice with vehicle: Simple (in the ground or within the institution about 30 K.M.per student).		18/2, 21/2 25/2, 28/2, 4/3, 7/3, 11/3, 18/3, 21/3, 25/3, 28/3	
7	Driving license, Display of lea Driving license, General Insuran test standards/certificates., log of accidents and precaution to a		1/4, 4/4, 8/4, 11/4, 22/4, 25/4	
8	Routine Maintenance: Engine lu top up and charge, Tyre wear ar and polishing etc.	obrication and cooling system, Battery and wear, Washing, cleaning, greasing	2/5, 13/5, 16/5, 20/5, 23/5, 27/5	

Signature of Teacher