

Govt. ITI, Kakinada, E.G. Dist

Procurement for Motor Mechanic Vehicle (DST)/ AUTOMOTIVE SERVICE TECHNICIAN/ APPERAL MANUGACTURING TECHNOLOGY/ under STRIVE

Items to be procured in 1st year TOOLS

Package :01

Sl.No	Name of Items	Specifications	Trade/Course fo which it is required	Total Required	Rate / Unit (In INR Rs.)	Total (INCLUDING GST) INR IN Rs.	Method of Procurement (e.g. Shopping / Competitive Bidding)
1	Allen Key set of 12 pieces	2mm to 14mm	MMV	6	250	1500	
2	Caliper inside	15 cm Spring	MMV	6	50	300	
3	Calipers outside 15 cm spring	10 mm. Dia. x 100 mm.	MMV	6	50	300	
4	Center Punch		MMV	6	50	300	
5	Dividers	15 cm Spring	MMV	6	50	300	
6	Electrician Screw Driver	250mm	MMV	6	150	900	
7	Hammer ball peen with handle	0.5 kg	MMV	6	150	900	
8	Hands file Second cut flat	20 cm.	MMV	6	175	1050	
9	Phillips Screw Driver set of 5 pieces	100 mm to 300 mm	MMV	6	150	900	
10	Pliers combination	20 cm.	MMV	6	250	1500	
11	Screw driver		MMV	6	150	900	
12	Screw driver	20cm.X 9mm. Blade	MMV	6	175	1050	
13	Scriber	15 cm	MMV	6	30	180	
14	Spanner D.E. set of 12 pieces	6mm to 32mm	MMV	6	900	5400	
15	Spanner, ring set of 12 metric sizes	6 to 32 mm.	MMV	6	1200	7200	
16	Spanners socket with speed handle, T-bar, ratchet and universal upto	32 mm set of 28 pieces with box	MMV	6	3500	21000	
17	Steel rule	30 cm inch and metric	MMV	6	150	900	
18	Steel tool box with lock and key (folding type)	400*200*150 mm made of GI 22 SWG	MMV	6	1000	6000	
19	Wire cutter and stripper	auto eject, upto 16mm ²	MMV	6	200	1200	
20	Adjustable spanner	upto 15cm	MMV	2	1500	3000	
21	AC alternator slip ring puller	standard	MMV	1	500	500	
22	Air blow gun with standard accessories	copper body with jet operating lever	MMV	1	250	250	
23	Air ratchet with standard accessories	speed 150-170RPM, torque 7to70nm max torque 150-180Nm	MMV	2	8000	16000	
24	Air impact wrench with standard accessories	torque 7 to 150nm	MMV	2	8000	16000	
25	Anvil 50 Kgs with Stand	50 Kgs	MMV	1	3000	3000	
26	Auto Electrical test bench	4*4 feet	MMV	1	30000	30000	
27	Blow Lamp 1 litre	1 litre	MMV	2	500	1000	
28	Belt Tensioner gauge	Measures tension 30-160lbs and 15-75 kg, top width 7/8	MMV	1	500	500	
29	Chisel 10 cm flat	10cm	MMV	4	150	600	
30	Circlip pliers Expanding and contracting type each	15cm and 20cm	MMV	4	500	2000	
31	Cleaning tray	45x30 cm.	MMV	4	200	800	
32	Copper bit soldering iron	0.25 Kg	MMV	2	300	600	

33	Cylinder bore gauge capacity	20 to 160 mm	MMV	1	5000	5000	
34	Dial gauge type 1 Gr. A (complete with clamping devices and with magnetic stand)	(complete with clamping devices and with magnetic stand)	MMV	1	6500	6500	
35	Drift Punch Copper	15 Cm	MMV	2	150	300	
36	Drill twist (various sizes) by 0.5 mm	1.5 mm to 15 mm	MMV	4	2800	11200	
37	Electric testing screw driver	250mm Insulated blade, plastic handle transparent length 250 mm tip dimension 5*0.8mm	MMV	4	175	700	
38	Engineer's square Blade	15 cm	MMV	4	150	600	
39	Engineers stethoscope	standard	MMV	1	600	600	
40	Feeler gauge 20 blades (metric)	20 blades	MMV	4	100	400	
41	File flat 20 cm bastard	20 cm	MMV	4	150	600	
42	File, half round 20 cm second cut	20 cm	MMV	4	175	700	
43	File, Square 20 cm second cut	20 cm	MMV	4	175	700	
44	File, Square 30 cm round	30 cm	MMV	4	250	1000	
45	File, triangular 15 cm second cut	15 cm	MMV	4	150	600	
46	Files assorted sizes and types including safe edge file (20 Nos)	20 Nos	MMV	2	2500	5000	
47	Flat File 25 cm second cut	25 cm	MMV	4	200	800	
48	Flat File 35 cm bastard	35 cm	MMV	4	250	1000	
49	Fuel feed pump for diesel	suitable for 6/8 cylinder engine Inner Thread: M14*1.5MM outlet thread: M16*1.5	MMV	1	1500	1500	
50	Fuel injection pump (Diesel) inline	with firing 153624 for 6 cyl & 18436572 for 8 cyl	MMV	1	15000	15000	
51	Grease Gun	heavy duty steel head, air bleeder valve & bulk loading facility	MMV	2	450	900	
52	Growler	Test series and interpole commutating for DC motor	MMV	2	4000	8000	
53	Hacksaw frame adjustable 20-30 cm	20-30 cm	MMV	12	150	1800	
54	Hammer Ball Peen 0.75 Kg	0.75 Kg	MMV	4	200	800	
55	Hammer Chipping 0.25 Kg	0.25 Kg	MMV	5	100	500	
56	Hammer copper 1 Kg with handle	1 Kg	MMV	4	800	3200	
57	Hammer Mallet	1kg	MMV	4	75	300	
58	Hammer Plastic	400 gms	MMV	4	200	800	
59	Hand operated crimping tool (i) for crimping up to 4mm and (ii) for crimping up to 10mm	10mm	MMV	2	2000	4000	
60	Hand vice - 37 mm	37 mm	MMV	2	250	500	
61	Hollow Punch set of seven pieces 6mm to 15mm	6mm to 15mm	MMV	2	200	400	
62	Insulated Screw driver 20 cm x 9mm blade	20 cm x 9mm	MMV	4	150	600	
63	Insulated Screw driver 30 cm x 9mm blade	30 cm x 9mm	MMV	4	175	700	

64	Magneto spanner set with 8 spanners	8	MMV	1	150	150	
65	Magnifying glass 75mm	75mm	MMV	2	150	300	
66	Oil can 0.5/0.25 liter capacity	0.5/0.25	MMV	4	150	600	
67	Oil pump for dismantling and assembling	heavy vehical van type rotary type gear	MMV	2	100	200	
68	Outside micrometer 0 to 25 mm	0 to 25 mm	MMV	2	3000	6000	
69	Outside micrometer 25 to 50 mm	25 to 50 mm	MMV	2	3500	7000	
70	Outside micrometer 25 to 50 mm	25 to 50 mm	MMV	1	4000	4000	
71	Outside micrometer 75 to 100 mm	75 to 100 mm	MMV	1	4500	4500	
72	Phillips Screw Driver set of 5 pieces (100 mm to 300 mm)	100 mm to 300 mm	MMV	2	150	300	
73	Piston ring compressor	ISI mark with L key	MMV	2	350	700	
74	Piston Ring expander and remover	standard	MMV	2	350	700	
75	Piston Ring groove cleaner	standard	MMV	1	150	150	
76	Pliers flat nose 15 cm	15 cm	MMV	1	200	200	
77	Pliers round nose 15 cm	15 cm	MMV	1	200	200	
78	Pliers round nose 15 cm	15 cm	MMV	1	200	200	
79	Portable electric drill Machine	12 mm capacity	MMV	1	6000	6000	
80	Prick Punch 15 cm	15 cm	MMV	4	75	300	
81	Punch Letter 4mm (Number)	4mm	MMV	2	500	1000	
82	Radiator pressure cap	19-32 psi	MMV	2	150	300	
83	Scraper Triangular 25 cm	25 cm	MMV	2	150	300	
84	Scriber 15 cm	15 cm	MMV	2	50	100	
85	Scriber with scribing black universal	standard	MMV	2	1000	2000	
86	Sheet Metal Gauge	Sheet Metal Gauge	MMV	2	300	600	
87	Spanner T. flocks for screwing up and up-screwing inaccessible	Spanner T. flocks for screwing up and up-screwing inaccessible	MMV	2	350	700	
88	Spanner, adjustable 15cm	15cm	MMV	2	150	300	
89	Spark plug spanner	14mm x 18mm x Size	MMV	2	100	200	
90	Steel measuring tape 10 meter in a case	10 meter	MMV	2	150	300	
91	Steel rule 15 cm inch and metric	15 cm	MMV	4	100	400	
92	Straight edge gauge 2 ft.	2 ft.	MMV	2	2000	4000	
93	Stud extractor set of 3	3	MMV	2	300	600	
94	Stud remover with socket handle	standard	MMV	1	350	350	
95	Surface gauge with dial test indicator plunger type i.e. 0.01 mm	0.01 mm	MMV	4	6000	24000	
96	Tachometer (Counting type)	engine RPM Dwell angle battery voltage	MMV	1	4000	4000	
97	Thread pitch gauge metric, BSW	metric, BSW	MMV	2	800	1600	
98	Timing lighter	standard	MMV	2	1500	3000	
99	Torque wrenches 5-35 Nm, 12-68 Nm & 50-225 Nm	5-35 Nm, 12-68 Nm & 50-225 Nm	MMV	1	5000	5000	
100	Tyre pressure gauge with holding nipple	standard	MMV	2	600	1200	
101	Universal puller for removing pulleys, bearings	standard	MMV	1	1500	1500	
102	V block 75 x 38 mm pair with Clamps	75 x 38 mm	MMV	2	6000	12000	
103	Various	standard	MMV	1	1500	1500	

102	Valve spring compressor universal	8 adjustable valve jaw opening 1-3/8 to 5-7/8(35mm to 142mm) Throat clearance of 150mm	MMV	1	1000	1000	
105	vernier caliper with least count	0-300 mm	MMV	4	12000	48000	
106	vice grip pliers	standard	MMV	2	450	900	
107	Wire Gauge (metric)	standard	MMV	2	150	300	
108	Goggles	standard	AST	20	150	3000	
109	Ear plugs	standard	AST	20	100	2000	
110	Boiler suit	standard	AST	20	500	10000	
111	Tools: pressure indicators: feeler gauges, multi-metre, flow metre, temp gauge, dial gauge, tyre pressure indicator etc.	each one	AST	7	2000	14000	
112	Pullers: ball joint separators, bearing pullers, gear puller tools, slide hammers etc.	each one	AST	4	1000	4000	
113	Specialty wrenches: alignment wrenches, chain wrenches, locking wrenches, big wrenches etc.	each one	AST	4	1000	4000	
114	Measuring equipment: vernier callipers, micrometre, feeler gauges, steel ruler etc	two sets	AST	4	10000	40000	
115	Bobbin & Bobbin Case		Apparel Manufacturing Technology	20	500	10000	
116	Scissor 10"		Apparel Manufacturing Technology	20	350	7000	

EQUIPMENT

1	Ammeter 300A/ 60A DC with external shunt	300A/ 60A	MMV	4	3000	12000	
2	Battery-charger	1-8 Amp charging rate 12-48 volt capacity	MMV	2	5000	10000	
3	Car Jet washer with standard accessories	standard	MMV	1	25000	25000	
4	Chain Pulley Block-3 ton capacity with tripod stand	3 ton	MMV	1	6000	6000	
5	Compression testing gauge suitable for diesel Engine with standard accessories	0-7 kg/cmsq. 0-7000kpa	MMV	2	5000	10000	
6	Cylinder liner- Dry & wet liner, press fit & slide fit liner	6 cyl (liner) 1. Dry 2. wet	MMV	1	10000	10000	
7	Depth micrometer	0-25mm	MMV	1	4000	4000	
8	Different type of Engine Bearing model	3,4,6 cyl HSD main bearing, bush bearing, taper roller bearing, ball bearing	MMV	1	10000	10000	
9	Different type of piston model	standard	MMV	1	20000	20000	
10	Electric Soldering Iron	230 V 60 watts 230 V 25 watts	MMV	2	150	300	
11	Fuel injection pump, VE pump / Distributor fuel rotary pump (DPC) pumps / along with special tools and accessories	main motor: 7.5HP/5.6KW RPM:0-5000RPM fuel supply motor:1.5HP	MMV	1	20000	20000	
12	Grease Gun heavy duty trolley type 10 kg capacity	10 kg	MMV	1	10000	10000	

13	Injector – Multi hole type, Pintle type	for 3 cyl 4,6&8 cyl	MMV	4	8000	32000	
14	Injector testing set (Hand tester)	Hand operator. Suitable for all nozzle	MMV	1	10000	10000	
15	Lifting Jack screw type 3 ton, 5ton & 20 Ton capacity	2ton, 5ton & 20 Ton	MMV	each 1	16000	16000	
16	Multimeter digital	0-500v AC/DC, 0-10A AC/DC, DIODE TEST MODE AND CONTINUITY MODE, ACCURACY +/-0.01%	MMV	5	3000	15000	
17	Radiator cut section-cross flow	upper tank cut/lower section cut/ fins hose pipe	MMV	1	4000	4000	
18	Radiator cut section-down flow	upper tank cut/lower section cut/ fins cut	MMV	1	4000	4000	
19	Set of stock and dies – Metric	M6*1.0, M7*1.0, M8*1.25	MMV	2	15000	30000	
20	Starter motor axial type, pre-engagement type & Co-axial type	heavy duty arrangements	MMV	1	18000	18000	
21	Tandem master cylinder with booster	19-33mm dia	MMV	4	12000	48000	
22	Thermostat	valve thermostat heavy vehicle mechanical type	MMV	2	1500	3000	
23	Turbocharger cut sectional view	heavy vehicle turbo charge with variable terminology cut section complete	MMV	1	10000	10000	
24	Vacuum assisted hydraulics brake assembly with vacuum gauge	life size	MMV	2	12000	24000	
25	Water pump for dismantling and assembling	heavy vehicle water pump. In & out side water path	MMV	4	500	2000	
26	Work bench	250 x 120 x 60 cm with 4 vices 12cm Jaw	MMV	4	30000	120000	
27	Air Brake Assembly	standard	MMV	1	15000	15000	
28	Alternator assembly used for LMV	standard	MMV	1	6000	6000	
29	Carburetor – Solex, Mikuni for dismantling and assembling	standard	MMV	1	4000	4000	
30	Repeat at slno. 32		MMV			0	
31	Cut section Model of Mock layout of a motor car –electrical system working model	life size	MMV	1	20000	20000	
32	Cut section models of shock absorbers	life size	MMV	1	200	200	
33	Cut section of cross ply and radial tyres	life size	MMV	1	500	500	
34	Cut section working model of automatic transmission Gear box	life size	MMV	1	15000	15000	
35	Cut section working model of centrifugal clutch assembly	life size	MMV	1	3000	3000	
36	Cut section working model of Diaphragm clutch assembly	life size	MMV	1	5000	5000	
37	Cut section working model of Single plate clutch assembly	life size	MMV	1	5000	5000	
38	Demonstration board of 2W Ignition	2W	MMV	1	10000	10000	

39	Demonstration board of electronic ignition system, ignition coil	220-250 VOLT(V) life size	MMV	1	10000	10000
40	Disk brake with caliper assembly	life size	MMV	1	3000	3000
41	Drum brake assembly	life size	MMV	1	4000	4000
42	Front axle (Rzeppa Joint) with stand for Dismantling and assembly	life size	MMV	1	4000	4000
43	Full floating axle and semi-floating axle assembly	life size	MMV	1	8000	8000
44	Functional/experiment model of different type of sensors	life size	MMV	1	10000	10000
45	Steering assembly - 1.Rack & pinion, 2.Worm & roller 3. Recirculating ball, 4.Power steering	life size	MMV	1	30000	30000
46	Synchronous Gear box with stand for Dismantling and assembly.	life size	MMV	1	5000	5000
47	Repeat at Slno. 117	117	MMV			0
48	Tubed tyre of car, trucks & motorcycle	life size	MMV	1	30000	30000
49	Tubeless tyre of cars & trucks	life size	MMV	1	30000	30000
50	Tyre & split rim wheel assembly	life size	MMV	1	4000	4000
51	Working Model of power windows	life size	MMV	1	40000	40000
52	Working model of torque converter	life size	MMV	1	10000	10000
53	Fireextinguishers	life size	AST	2	10000	20000
54	Cooling system (down drafts)	Assemblies and sub-assemblies in a vehicle and their basic functioning	AST	1	50000	50000
55	Lighting		AST	1	15000	15000
56	Laptops	Latest Specification	AST	1	50000	50000
57	Steam Press	Equipment	Apparel Manufacturing Technology	2	3000	6000
58	Textile testing Equipments 5	Equipment	Apparel Manufacturing Technology	5	250000	1250000

FURNITURE

1	Cup Board	4X6x2 steel almara or nearest size	MMV (DST)	5	24000	120000
2	Trainers table	26*30*30	"	4	16000	64000
3	Trainers chair	standard size	"	4	5000	20000
					TOTAL	2781080

Note :- At the time of procurement / purchasing rates may be varied.

Govt. ITI, Kakinada, E.G.Dist

Procurement for Motor Mechanic Vehicle (DST)/ AUTOMOTIVE SERVICE TECHNICIAN/ APPAREL MANUFACTURING

A Items to be procured in 1st year Machinery

Package :02

Sl.No	Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate / Unit (In INR Rs.)	Total INR In Rs. INCLUding NG GST	Method of Procurement (e.g. Shopping / Competitive Bidding)
1	Arbor press hand operated 2 ton capacity	2 ton					
2	Automotive exhaust 5 gas analyzer (Petrol & Diesel) or Diesel SmokeMeter	along with printer and laptop	MMV	1	20000	20000	
3	Diesel Engine – CRDI - 4 stroke for Dismantling and assembling with	life size	MMV	1	250000	250000	
4	Diesel engine (Running condition) Stationary type	life size	MMV	1	150000	150000	
5	Hydraulic Jack HI-LIFT type -3 ton capacity, and 5 Ton capacity	trolley type	MMV	1	8000	8000	
6	Multi Scan Tool with oscilloscope	along with softwares and laptops	MMV	1	15000	15000	
7	Spring tension tester	standard make	MMV	1	4000	4000	
8	Trolley type portable air compressor single cylinder with 45 liters capacity Air tank, along with accessories & with working pressure 6.5 kg/sq cm	standard make along with 1HP single phase motor	MMV	1	10000	10000	
9	Cut section of 4/6 cylinder Diesel Engine in moving condition to show movement of internal part	4 stroke Engine	MMV	1	100000	100000	
10	Diesel Engine 6 cylinder in running condition	life size	MMV	1	200000	200000	
11	Air conditioning service Unit (Car)	life size	MMV	1	49000	49000	
12	MPFI petrol engine with swivelling stand along with special tools for	vehicular type, life size	MMV	1	150000	150000	
13	Petrol Engine(2-stroke) Motor Cycle/Scooter along with special tools and accessories	life size	MMV	1	50000	50000	
14	Transfer case with stand for Dismantling and assembly	life size	MMV	1	6000	6000	
15	Tube/ tyre vulcanizing machine	electrical	MMV	1	5000	5000	
16	Two post car lift – capacity 4000 kg	4000 kg	MMV	1	135000	135000	MMV
17	Tyer Changer Machine	standard make	MMV	1	25000	25000	
18	Ultrasonic Injection cleaning equipment	standard make with all accessories	MMV	1	46000	46000	
19	Wheel alignment Machine –computerised 3D	3D	MMV	1	80000	80000	
20	Wheel balancing machine	standard size with accessories	MMV	1	25000	25000	
21	Working Condition of Petrol MPFI Engine Assembly with fault	with standard accessories	MMV	1	120000	120000	
22	Emission and exhaust system	petrol,diesel	AST	1	150000	150000	
	Suspension system	coil type,air type etc each one	AST	2	25000	50000	
	Brake system (including regenerative braking systems)	hydraulic,air,etc each one	AST	2	30000	60000	

25	Tyres and wheels (Including wheel alignment)	wheel alignment	AST	1	200000	200000	
26	Tyres and wheels (Including wheel alignment)	wheel balancing equipment	AST	1	100000	100000	
27	Radiator	down flow	AST	1	25000	25000	
28	Radiator	side flow	AST	1	25000	25000	
29	Electrical wire harness	1	AST	1	25000	25000	
30	Ignition systems	standard make	AST	1	25000	25000	
1	Electronic and Air-conditioning system etc.,	vehicular type, with standard accessories	AST	1	200000	200000	
2	Electronic control unit		AST	1	50000	50000	
3	Energy recuperation systems, if applicable (e.g. in electric, gas and hybrid vehicles)	GAS, CNG, LPG each one etc.,	AST	3	50000	150000	
	Electronic systems including active and passive safety, media, comfort and convenience, supplementary restraint systems (SRS), networking and other systems	standard make	AST	1	250000	250000	
	Various lubrication systems	Engine cuts sections	AST	2	100000	200000	
	Sensors, actuators, relays etc	different types of sensors, actuators and relays used in modern cars	AST	3	100000	300000	
	Pneumatic Tool (Air Compressor, air pipe line, regulators etc)	5 HP motor, 500 ltrs compressor, 250 psi, with all sockets	AST	1	200000	200000	
	Special Maintenance tools (Bins, racks, trolley, equipment stands)	1 unit	AST	1	50000	50000	
	Diesel/ petrol / CNG / LPG / Hybrid training Vehicle	along with 7 seater vehical	AST	1	1000000	1000000	
	Diesel/ petrol serviceable training Vehicle	1no	AST	1	1455000	1455000	
	Air supply systems	compressor etc	AST	1	150000	150000	
	Feed of the arm machine	Machinery	Apparel Manufacturing Technology	1	50000	50000	
	UBT Lock Stitch Machine	Machinery	Apparel Manufacturing Technology	5	50000	250000	
					TOTAL	6463000	

- At the time of procurement / purchasing rates may be varied.

Govt. ITI, Kakinada, E.G. Dist

Procurement for Motor Mechanic Vehicle (DST) under STRIVE

Items to be procured in 1st year CONSUMABLES

One Unit

Name of Items	Specifications	Trade/Course for which it is required	Total Required	Rate / Unit (In INR Rs.)	Total INR in Rs. INCLUDING GST	Method of Procurement (e.g. Shopping / Competitive Bidding)

1	Battery 12 V	12 V	"	1	10000	10000
2	Brake fluids (in liters)	in liters	"	5	250	1250
3	Chalk, Prussian blue(in boxes)	in boxes	"	10	100	1000
4	Chemical compound for fasteners(in kgs)	in kgs	"	5	500	2500
5	Diesel(in liters)	in liters	"	25	80	2000
6	Different type gasket material	4*4 (copper, aluminium, asbistos)	"	10	100	1000
7	Different type of oil seal	intenal & external	"	10	100	1000
8	Drill Twist (assorted)	assorted	"	10	1000	10000
9	Emery paper - 36-60 grit , 80-120	36-60 grit , 80-120	"	20	100	2000
10	Engine coolant and engine oil(in liters)	in liters	"	10	600	6000
11	Gear oils(in liters)	in liters	"	10	600	6000
12	Hacksaw blade (consumable)	10 tpi	"	50	5	250
13	Holders, lamp teakwood boards, plug sockets	5 switch, 2 holders, 10*12 teakwood boards	"	15	150	2250
14	Hydrometer	standard make	"	10	300	3000
15	Lapping abrasives	standard make	"	10	200	2000
16	Petrol(in liters)	ms	"	25	86	2150
17	Power steering oil(in liters)	sae40	"	10	400	4000
18	Radiator Coolants(in liters)	standard make	"	8	100	800
19	Safety goggles	standard make	"	10	350	3500
20	Steel wire Brush	50mmx150mm	"	5	50	250
TOTAL						60950

Note :- At the time of procurement / purchasing rates may be varied.

P. N. Prakash Rao	<i>Garme.</i>		<i>[Signature]</i>
Stores	Principal	Regional Deputy Director	IMC Chairman

[Signature]
Training Officer

PRINCIPAL
Govt. I.T.I.
KAKINADA

Abstract for 1st year Procurement Plan

Govt. ITI, Kakinada, E.G. Dist

Sl.No	Description of Item	Package	Cost of Package in Rs.
1	Tools, Equipment and Furniture	Package:1	2781080
2	Machinery	Package:2	6463000
Total			9244080
4	Consumable	Misc. / Raw Material	60950
TOTAL			60950

P. N. Prakash Rao	<i>Garme.</i>		<i>[Signature]</i>
Stores	Principal	Regional Deputy Director	IMC Chairman

[Signature]
Training Officer

PRINCIPAL
Govt. I.T.I.
KAKINADA

H. Anantha Laksh
DTO