

“MANDATORY DISCLOSURE”

1. NAME OF THE INSTITUTION

Chhotu Ram Polytechnic Rohtak (Haryana)
Phone No- 01262-285667, 274667
E-mail: crprohtak@hry.nic.in, Website: www.crpolytechnic.org.in

2.NAME & ADDRESS OF THE TRUST/SOCIETY/COMPANY & THE TRUSTEES

Jat Education Society (Regd.) Rohtak
C.R. Polytechnic Campus, Rohtak Haryana
Phone No- 01262-273667
E-mail: jesrohtak1914@gmail.com

3. NAME & ADDRESS OF THE PRINCIPAL

Sh. B.S Hooda
Principal, C.R. Polytechnic, Rohtak Haryana
Phone No- 01262-285667, 274667 (O), 9992000191 (M),
E-mail: crprohtak@hry.nic.in

4.NAME OF THE AFFILIATING BODY

Haryana State Board of Technical Education, Bays 7-12, Sector – 4, Panchkula

5. GOVERNANCE

a. Member of the Board and their brief background.

- | | |
|---|-------------------|
| 1. Sh.Ajay Kumar, Administrator,
Jat Education Society(Regd.), Rohtak. | Chairman |
| 2. Additional Director (Aided),
Directorate of Technical Education Haryana | Member |
| 3. Principal, Govt. Polytechnic, Jhajjar | |
| 4. Dr. N.S Gill, Prof. in Computer Science, MDU, Rohtak, | -do- |
| 5. The General Manager, District Industries Centre, Rohtak | -do- |
| 6. The Regional Officer
AICTE, North-West Regional Office
Plot No. 1A, 5 th Floor, DTE (Punjab) Building
Dakshin Marg Sector-36 A, Chandigarh | -do- |
| 7. Sh. Surender Singh Sahnewal,
M/S Sahnewal Auto Engineers pvt. Ltd. | -do- |
| 8. Joint Director (Aided)
Directorate of Technical Education Haryana
Panchkula (Nominee of Director General, Tech-Edu.) | -do- |
| 9. Accounts Officer
Directorate of Technical Education Haryana
Panchkula (Nominee of Finance Department) | -do- |
| 10. Sh. Subhash Dahiya, HOD Civil,
Chhotu Ram Polytechnic,Rohtak
(Representative of Staff) | -do- |
| 11. Principal, Chhotu Ram Polytechnic, ohtak | Member- Secretary |

b. Members of Academic Advisory Body

Sh. B.S. Hooda
Principal,

Sh. Susheel Balyan
HOD Mech. Engg. .

Sh. Subhash Dahiya
HOD, Civil Engg.

Sh. Jai Kanwar
HOD, Elex. & Comm. Engg.

Sh. Parveen Kohar
HOD, Computer Engg.

Sh. Ashok Deswal
HOD, Applied Sciences

Smt. Kiran Chawla
Incharge Elect. Engg.

Sh. Rajiv Sharma,
Incharge Plastic Tech.

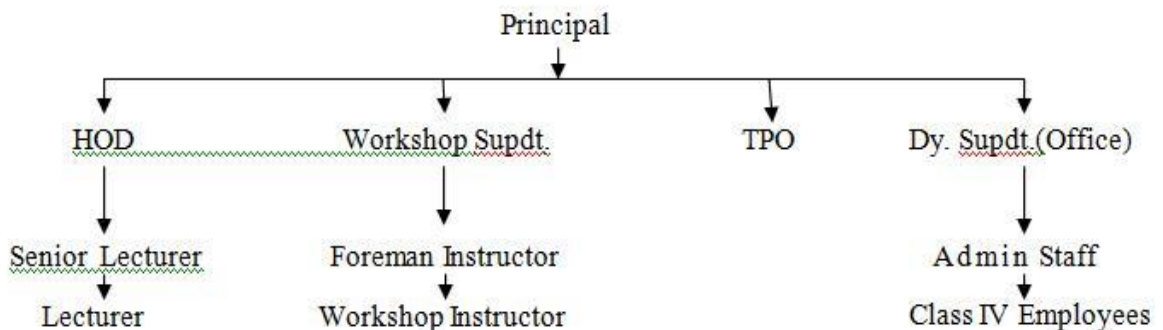
Smt. Saveen
Lect. App. Sci.

Sh. D.S Nandal
W/S Supdt.

c. FREQUENCY OF THE BOARD MEETINGS AND ACADEMIC ADVISORY BOARD

The meeting of the Board of Management is held thrice a year.

d. ORGANIZATIONAL CHART & PROCESS



e. NATURE AND EXTENT OF INVOLVEMENT OF FACULTY AND STUDENTS IN ACADEMIC AFFAIRS/ IMPROVEMENTS

The faculty of the institute is involved in curriculum development, industry institute interaction, training & placement of the students and involvement of different ways of improvement of academic activities in the institutes besides their regular curriculum duties and also involve themselves in extra curricular activities going on in the campus round the year.

f. MECHANISM/ NORMS AND PROCEDURE FOR DEMOCRATIC/ GOOD GOVERNANCE.

The institute is strictly following the rules and regulations prescribed by the Directorate of Technical Education, Haryana as well as the Management. The powers are also distributed among all staff members by constituting various committees e.g. purchase, sports, cultural, grievance, discipline, fee concessions, examination, academic etc. 15-20 students are allocated to all teacher counselors who look into the grievances of the students and counsel them for their career advancements.

g. STUDENTS FEEDBACK ON INSTITUTIONAL GOVERNANCE/ FACULTY PERFORMANCE

In every semester, feedback is taken from the students on the feedback Performa available in the polytechnic to have the feedback of every subject being taught by the teachers. The overall performances of the teachers are good.

h. GRIEVANCE REDRESSAL MECHANISM FOR FACULTY, STAFF AND STUDENTS

The grievance committees for staff & students have been constituted to look into their grievances. In addition internal complaints Committee (ICC) on sexual harassment of women at works place have been constituted.

6. PROGRAMMES

a NAME OF THE PROGRAMMES APPROVED BY THE AICTE

Aided Courses

1. Civil Engg.
2. Mech. Engg.
3. Elect. Engg.
4. Elex. & Comm. Engg.
5. Computer Engg.
6. Plastic Tech.

Self-Financing Courses

1. Mechanical Engg(unaided)
2. Electrical Engg
3. Civil Engg

b. NAME OF THE PROGRAMMES ACCREDITED BY THE AICTE.

NIL

c. PLACEMENT STATUS OF LAST THREE YEARS

Already uploaded on the college website.

7. FACULTY

a. Branch wise list of faculty members

Trade	Permanent Faculty (including App.Sc.)	Visiting Faculty (for Ext. Lectures)	Adjunct Faculty/ Contract Faculty	Guest Faculty	Permanent Faculty: Students Ratio
Civil Engg.	06	--	--		1:16
Mechanical Engg.	02	--	--		1:44
Elect. Engg.	04	--	--		1:26
Elex. & Comm. Engg.	06	--			1:07
Computer Engg.	04	--			1:17
Plastic Tech.	02	--			1:16
App. Sci.	06	--			1:47
	Overall				1:24

b. List of faculty members with qualification and experience

S.No	Name of Faculty	Designation	Qualification	Experience	Remarks
1.	Sh.B.S. Hooda	Principal	M.Tech.	30 yrs.	
2.	Sh. Susheel Balyan	HOD- Mech.	M.Tech.	30 yrs.	
3.	Sh.Subhash Dahiya	HOD- Civil	M.Tech	32 yrs.	
4.	Sh. Jai Kanwar	HOD- Elex. & Comm.	M.Tech	20 yrs.	
5.	Sh. Parveen Kohar	HOD-Comp.	B.E	20 yrs.	
6.	Sh. Ashok Deswal	HOD-App. Sci.	M.Sc. (Phy).	21 yrs.	
7.	Sh. S.S Kinha	Sr. lect.- Elex. & Comm.	M.E.	21 yrs.	
8.	Sh. Ravinder Rathee	Sr. lect.- Comp.	Ph.D.	21 yrs.	
9.	Sh. Rajiv Sharma	Sr. Lect.-Plastic Tech.	B.E Chem.+PGDCA Dip. In Plastic.	19 yrs.	
10.	Sh.Sanjeev Sangwan	Sr. lect.- Civil	M.Tech.	28 yrs.	
11.	Dr. Neelam Malik	Sr. lect.- App. Sci. (Eng.)	Ph.D	21 yrs.	
12.	Smt. Kiran Chawla	Sr. lect.- Elect.	B.E	28yrs.	
13.	Sh. S.S. Nandal	Lecturer- Civil	B.Tech	33yrs.	
14.	Sh. Dalbir Singh	Lecturer- Civil	B.E	20 yrs.	
15.	Sh. Ravi Nandal	Lecturer –Civil	B.Tech.	05 yrs.	
16.	Sh.Akshay Dahiya	Lecturer- Civil	B.Tech.		
17.	Sh. Sonu	Lecturer- Mech	B.Tech.	03 yrs.	
18.	Sh. Parveen Dahiya	Lecturer –Elect.	B.E.	20 yrs.	
19.	Sh. K.K Bisla	Lecturer- Elect.	B.E.	18 yrs.	
20.	Sh. Hans Raj	Lecturer- Elect.	B.E	17 yrs.	
21.	Sh. Sitender Kumar	Lecturer- Elex. & Comm.	M.S, B.E	21 yrs.	
22.	Sh. Navinder Malik	Lecturer- Elex. & Comm	B.E	20 yrs.	
23.	Sh. Alok Kumar	Lecturer- Elex. & Comm	B.E	09yrs.	
24.	Ms. Ashima Singh	Lecturer- Elex. & Comm	B.Tech.	04 yrs.	
25.	Smt. Priyanka	Lecturer- Comp.	B.E	18 yrs.	
26.	Ms. Ajeta Nandal	Lecturer- Comp.	M.Tech.	05 yrs.	
27.	Sh. Keshak Babu	Lecturer- Plastic Tech.	Ph.D	04 yrs.	
28.	Smt. Saveen	Lecturer in Mathematics	M.Sc	21 yrs.	
29.	Sh. Dinesh Chander	Lecturer in Physics	M.Sc.	19 yrs.	
30.	Ms. Manisha Hooda	Lecturer in Chemistry	M.Sc.	09 yrs.	
31.	Smt. Ijja	Lecturer in English	M.A	05 yrs.	
32.	Sh. D.S Nandal	W/S Supdt.	Diploma in Mech.	22yrs.	

TEACHING SUPPORTING STAFF

33	Sh.J.S Boora	Foreman Instructor	Equivalent to Degree in Mech..	18 yrs.
34	Sh. Raju Nandal	Foreman Instructor	ITI+CTI	25 yrs.
35	Sh. Sandeep Kumar	Instrument Repairer	ITI	22 yrs.
36	Sh. Vijay Pal	W/S Instructor	ITI	20 yrs.
37	Sh. Rajbir Singh	W/S Instructor	ITI	19 yrs.
38	Sh. Yudhvir	W/S Instructor	ITI	18 yrs.
39	Sh. Rajeev	W/S Instructor	ITI	18 yrs.
40	Sh. Jai Bhagwan	W/S Instructor	ITI	20 yrs.
41	Sh. Harvinder	W/S Instructor	Dip. in Mech.	04 yrs.
42	Sh. Surender Singh	W/S Instructor	Dip. in Mech.	04 yrs.
43	Sh. Avnish	W/S Instructor	Dip. in Automobile	04 yrs.
44	Sh. Ashok Kumar	W/S Instructor	Matric	32 yrs.
45	Sh. Shashi Kumar	W/S Instructor	10+2	27 yrs.
46	Sh. Suresh Chander Nehra	W/S Instructor	B.Tech	20 yrs.
47	Sh. Deepak Dahiya	W/S Instructor	Dip. in ECE	17 yrs.
48	Sh. Pardeep Kumar	W/S Instructor	Dip.in Plastic +ITI	20 yrs.
49	Sh. Suresh Kumar	W/S Instructor	Dip. in Elect.	18yrs.
50	Sh. Saket Bhatnagar	W/S Instructor	Dip. in Elect.	18 yrs.
51	Sh.Balraj Singh	Draftsman	Dip. in Civil	21 yrs.
52	Sh.Vikash Narwal.	Lab.Instr	Dip. in Civil	9 yrs 6m
53	Sh. Amarjeet Chhikara	Lab Instr	Dip. in Civil	06 yrs
54	Sh.Sandeep Kr.	Lab.Instr.	Dip. in Elect.	09 yrs 6m
55	Sh.Sudeep Kr.,	Lab.Instr.	Dip. in Production	09 yrs 6 m
56	Sh.Vivek Deswal,	Lab.Instr.	Dip. in Mech.	09 yrs 6 m
57	Sh.Aditya Bhatnagar	Lab. Instr	Dip. in Plastic	09 yrs 6 m
58	Sh. Manoj Kumar	Lab Instr.	B.Tech.	09 yrs 6 m
59	Sh. Rajesh	Lab Instr.	Dip. in ECE	09 yrs 6 m
60	Smt. Keerti	Jr. Prog	MCA	09 yrs 6 m
61	Sh. Dalvir Singh	Lab Instr.	Dip. in Comp.	09 yrs 6 m
62	Smt. Poonam Kumari	Lab Instr.	Dip. in Comp.	04 yrs
63	Smt. Rinku Rani	Lab.Instr.	B.Sc	09 yrs 6 m
64	Smt. Seema Rani	Lab.Instr.	B.Sc	09 yrs 6 m
65	Ms. Vijeta Nandal	Lab.Instr.	B.A Eng. Hons.	05 yrs

Teaching Faculty 2018 (Self-financing Scheme)

S.N.	Name & Designation (Sh./Ms)	Department	Qualification	Experience
1	Smt. Rekha Balyan, Programmer		MCA	
2	Smt. Annu, Lect.	Mech. Engg.	B.Tech	3 yrs 6 m
3	Sh. Nitin Boora, Lab Instt.	Mech. Engg.	Dip. in Mech.	3yrs 6 m
4	Sh. Deepak Rathee, Lab Instt.	Civil Engg.	Dip. in Civil	3yrs 6m
5	Sh. Amit, Lab Instt.	Elect. Engg.	Dip. in Elect.	3 yrs 6m

8. PROFILE OF DIRECTOR/PRINCIPAL WITH QUALIFICATIONS, TOTAL EXPERIENCE, AGE AND DURATION OF EMPLOYMENT AT THE INSTITUTE CONCERNED.

Name	Sh. B.S. Hooda				
Date of Joining	24.07.1989				
Designation	Principal	Qualification & Experience	Highest Degree	Specialization	Total Experience
			M.Tech.	Power System	30 years
STD Code	01262	Phone (O)	285667,274667		
E-mail	crprohtak@hry.nic.in		Mobile Phone	9992000191	

9. FEE

a. Details of fee, as approved by State Fee Committee: Fee Structure of the Institution

(i) Govt.Aided Courses

S. No.	Category	Fixed by the State Fee Committee	Being charged by the institution
1	Admission Fee		
2	Tuition Fee	3000/-	3000/-
3	University fee (Examination fee, Registration fee etc.)	500/-	500/-
4	Development Charges	1500/-	1500/-
5	Student Fund	1200/-	1200/-
6	Hostel fee (Rent etc.)	1800/-	1800/-
7	Laboratory fee	--	--
8	Library fee	--	--
9	Any other	--	--
	Total Fee	8000/-	8000/-

(ii) Self Financing Courses

S. No.	Category	Fixed by the State Fee Committee	Being charged by the institution
1	Admission Fee		
2	Tuition Fee	22500/-	22500/-

3	University fee (Examination fee, Registration fee etc.)	500/-	500/-
4	Development Charges	5000/-	5000/-
5	Student Fund	1200/-	1200/-
6	Hostel fee (Rent etc.)	1800/-	1800/-
7	Laboratory fee	--	--
8	Library fee	--	--
9	Any other	--	--
	Total Fee	31000/-	31000/-

b. Time schedule for payment of fee for the entire programme.

The fee is charged semester-wise.

c. No. of fee waivers granted with amount and names of students

NIL

d. Numbers of scholarship offered by the institute, duration and the amount.

For the Year 2016-2017

S.No.	Name of Schemes	No. of students benefited	Amount Disbursed
1	Merit-cum-Means Scholarship	98+76= 174	522000
2	Scholarship/Stipend by Social Welfare Deptt. Haryana to SC	37	-
3	Scholarship/Stipend by Social Welfare Deptt. Haryana to BC	26	-
4	Haryana to SC	NIL	NIL
5	HSCS Scholarship	NIL	NIL
6	Reimbursement of Tuition Fee to SC/ST student of Haryana	NIL	NIL
7	Post Matric Scholarship to Minority Students	NIL	NIL

Any Other Scholarship

	a) Other State Scholarship (Sir Chhotu Ram scholarship)	5	25000
	b) Labour Welfare Board	NIL	NIL
	c) Other Sch. i.e. LIC, Railway, Religious, Trust	NIL	NIL
	c) Wakf Board Scholarship	NIL	NIL
	d) Cash Award to Merit Holders by our worthy Chairman Seth Ashok Kumar ji	NIL	NIL
	TOTAL	5	25000

For the Year 2017-2018

S.No.	Name of Schemes	No. of students benefited	Amount Disbursed
1	Merit-cum-Means Scholarship	187	561000
2	Scholarship/Stipend by Social Welfare Deptt. Haryana to SC	17	-
3	Scholarship/Stipend by Social Welfare Deptt. Haryana to BC	21	-
	Stipend to Backward Classes of Haryana	NIL	NIL
4	HSCS Scholarship	NIL	NIL
5	Reimbursement of Tuition Fee to SC/ST student of Haryana	NIL	NIL
6	Post Matric Scholarship to Minority Students	NIL	NIL
7	Post Matric Scholarship to SC/ST Students	nil	NIL
8	Any Other Scholarship		
	a) Other State Scholarship (Sir Chhotu Ram)	5	25000
	b) Labour Welfare Board	NIL	NIL
	c) Other Sch. i.e. LIC, Railway, Religious, Trust	NIL	NIL
	c) Wakf Board Scholarship	NIL	NIL
	d) Cash Award to Merit Holders by our institute	NIL	NIL
	TOTAL	5	25000

e. Criteria for fee waivers/scholarship.

Scholarships are granted to meritorious/SC/ST/BC/Poor students. Fee Concession is given to the poor/ fatherless students. A fee concession committee has been constituted who collects the applications and recommends the fee concession to the deserved students and accordingly fee is waived off.

10.ADMISSION

2016-17

CIVIL ENGG.	60+60	52+06
COMPUTER ENGG.	60	56
ELECTRICAL ENGG.	60+60	55+01
ELEX.& COMM. ENGG.	60	37
MECHANICAL ENGG.	60+60	54+03
PLASTIC TECHNOLOGY	60	15

2017-18

CIVIL ENGG.	60+60	55+11
COMPUTER ENGG.	60	32
ELECTRICAL ENGG.	60+60	51+05
ELEX.& COMM. ENGG.	60	26
MECHANICAL ENGG.	60+60	60+11
PLASTIC TECHNOLOGY	60	29

2018-19

CIVIL ENGG.	60+60	60+07
COMPUTER ENGG.	60	60
ELECTRICAL ENGG.	60+60	61+09
ELEX.& COMM. ENGG.	60	60
MECHANICAL ENGG.	60+60	59+15
PLASTIC TECHNOLOGY	60	34

11.ADMISSION PROCEDURE

- a. Mention the admission test being followed Test Qualified candidates separately**

[AIEEE/CET (State conducted test/University test Association conducted test)]

All the students are admitted through Centralised Online Counseling being conducted by Haryana State Technical Education Society(HSTES), Panchkula on the merit of percentage obtained in Qualifying examination i.e. Matric for first year & OLET for 2nd Year

12 CRITERIA AND WEIGHTAGES FOR ADMISSION

- a. Describe criteria with respective weightage i.e. Admission Test, marks in qualifying examination etc.**

Admission is totally based on the merit of percentage obtained in Qualifying examination i.e. Matric for first year & OLET for 2nd Year

- b. Mention the minimum level of acceptance if any.**

There is no minimum level of acceptance.

13.LIST OF APPLICANTS

The same is available with HSTES Website Onlinetesthry.gov.in

14. INFRASTRUCTURE AND OTHER RESOURCES

A. NUMBER & SIZE OF CLASS ROOMS, DRAWING HALL, LABS, TUTORIAL ROOM, COMPUTER CENTRES:

Particulars	Number of rooms		Carpet area of each room
	Requirement as per norms	Available in the institution	Available in the institution (sq.m.)
Class Rooms	--	18	72
Drawing Hall (*)	--	04	158
Computer Centre (common facility)	--	01	100
Library	--	01	300
Laboratories, Software labs & Workshops	--	41	92
Boys Hostel	--	01	637.09
Girls Hostel	--	01	756.24

B. LIBRARY:

Number of Library books/Titles/Journals available

S.No.	Course(s)	Number of titles of the books	Number of volumes
1	Computer & I.T.	1096	4068
2	Elect.Engg.	830	3081
3	ECE	1174	4358
4	Mechanical	1487.3	5518
5	Applied Science	2274.9	8440
6	Reference, Management & General	427.4	1586
7	CIVIL	895.1	3321

List of online National/International Journals subscribed.:: One

C. LABORATORY DETAILS**DEPARTMENT OF MECHANICAL ENGINEERING**

Sr. No.	Name of Department	Name of the Workshop	Area in Sq. Mt.	Major Equipments
1.		CNC M/C Shop CAD Lab	1000 Sq. Ft.	CNC Trainer Lathe and Milling machines with accessories, Computer Systems of different configuration with Auto CAD
2		Machine Shop/Turning Shop / Grinding Shop	4400 Sq Ft.	Milling Machines with accessories, Shaping Machines, Radial Drilling Machine, Hobbing Machine, Honing Machine Lathe Machines of different sizes with accessories , Drilling Machine , Power Hackshaw Surface Grinder , Tool & Cutter Grinder , Pedestal Grinder , Centre less Grinding Machine , Cylindrical Grinding Machine
3		Welding Shop	1000 Sq Ft.	Arc Welding Set, Spot Welding Machine, Electric welding Machine , TIG welding Machine, Gas Welding Generator, Butt Welding Machine, DC Welding Set, Bench Grinder
4		Fitting Shop	1000 Sq Ft.	Bench Vices, Files of different grades , Hand Tools Bench Drill Machine, Vernier Height Gauge, Vernier Calliper, Power Hackshaw, Surface Plate, Micrometer

5	Mechanical Engineering Department	Carpentry Shop	2400 Sq Ft.	Wood Turning Lathe, Universal Planer, Electric Cutter , Electric Planer, Carpentry Vices, Bend Saw, Bench Grinder, Circular Saw
6		Foundry Shop	1000 Sq Ft.	Foundry Hand Tools, Moulding & Patterns Boxes of Wood & Metals, Melting Furnace.
7		Paint Shop	1000 Sq Ft.	Air Compressor, Paint Gun, Paint Brush, Emery Paper, Powder Coating System
8		Smithy Shop	1000 Sq Ft.	Anvil, Hammer, Chisels , Forging Furnace & Hand Tools, Power Hammer
9		Strength of Material Lab	1000 Sq Ft.	Torsion Testing Machine, Universal Testing Machine, Impact Testing Machine, Hardness Testing, Searle's Apparatus Beam Def. Apparatus Spring Stiffness Tester
10		Automobile Engineering Lab.	1750 Sq. Ft.	Model of Master Cylinder, Model of Lubrication System, Model of Ignition System, Model of Cooling System, Battery Cell Tester, Clutch Plate Model, braking System, Differential Model, Model Of Car, Gear Box Model, Steering System, Gear Box System
11		Ref. & Air Conditioning Lab	1200 Sq Ft.	Refrigeration Test Rig, Model of Air Conditioner, Model Of Vapour compression System Tube Bending Die, Spring Bender, L.P.G Torch , H.P , L.P Cut Out, Overload Protector, Filter Drier, Charging Line, Flaring & Swaging Tool, Experimental Water Cooler, Gauge Manifold
12		Applied Mechanics Lab.	1000Sq Ft.	Inclined Plane Apparatus, Screw Jack Apparatus, Worm & Worm Wheel, Single Purchase Winch Crab, Greaves and Apparatus, Jib Crane , System Of Pulley, Simply Supported Beam
				Pressure Gauge, Model Of

13		Hyd. & Hyd. Machine	1750 Sq Ft.	Reciprocating Pump, Model of Centrifugal Pump, U- Tube Double Column Manometer, Differential Manometer, Piezometer Tube, Venturimeter Test Rig, Bernoulli's Theorem Apparatus, Francis Turbine Model, Kaplan Turbine Model, Pelton Wheel Model
14		Thermodynamics / Internal Combustion Engine Lab.	1750 Sq Ft..	Model of Babcock & Wilcox Boiler, , Model of Lancashire Boiler, Model of Two Stroke Diesel, Model of Four Stroke Diesel , Model of Two Stroke Petrol Engine, Model of Four Stroke Petrol Engine , Single Cylinder 4 Stroke Diesel Engine with Test Rig with Electric Dynamometer, Cut section Diesel Engine Single Cylinder, Scooter Engine, Solex Carburetor, Thermocouple, Thermometer, Morse Test Petrol Engine Test Rig, Cut Section Model Of Four Stroke Petrol Engine, Model Of Fuel Injection Pump

15		Material & Metallurgy Lab	1200 Sq Ft.	Polishing Machine, Metallurgical Microscope, Optical Pyrometer, Thermocouple, Muffle Furnace
16		Inspection & Quality Control	1000Sq Ft.	Tool's Maker Microscope, Height Gauge, Depth Gauge, Vernier Calliper, Micrometer, Dial Indicator, Slip Gauges, Sine Bar, Combination Set, Bevel Protactor, Engineering Scale, Height Master, Profile Projector, Surface Plate (Iron & Granite) Air Plug Gauge Set, Surface Finish Tester, Surface Flatness Tester
17		Plumbing & Sheet Metal Shop	1000 Sq Ft.	Die Set, Pipe Vice, Hand Tools, Leg Shear Machine, Power Shear Machine, Bending Machine

DEPARTMENT OF PLASTIC TECHNOLOGY

Sr. No.	Major equipment	QTY
1	Automatic injection molding m/c (Rana & sons)	1
2	Automatic Blow molding m/c	1
3	CNC injection molding m/c (Electronica)	1
4	Vaccum forming m/c	1
5	Vertical hydraulic injection molding m/c	1
6	Hand oprated injection molding m/c	10
7	Pad printing m/c	1
8	Scrap grinder	1
9	drying oven	1
10	Compression molding m/c	1
11	High speed mixer	1
12	Extruder m/c	1
13	Agglomerator	1
14	Scrap grinder	1
15	Automatic cutting & sealing m/c	1
16	High frequency welding m/c	1
17	Fatigue Bending m/c	1
18	Cyclone separator	1

Sr. No.	Experimental setup	QTY
1	Magnetic stirrer	1
2	Muffle furnace	1
3	Melting point apparatus	1
4	Bacteriological incubator	1
5	Liquid liquid mixing m/c	1
6	Diffusion coff. Measurement of solid	1
7	Stefan Boltzman apparatus	1
8	Humidification tower	1
9	Double pipe heat exchanger	1
10	Batch distilation column	1
11	Ball mill	1
12	Diffusion of liquid air apparatus	1
13	Thermal conductivity of rod	1
14	Refractive index meter	1
15	Plastic gloss meter	1
16	Dart impact tester	1
17	ESCR tester	1
18	Tensile testing m/c	1
19	Vicat softning m/c & HDT	1
20	Melt flow index	1
21	Tear test apparatus	1
22	Izod impact tester	1
23	Hardness tester (shore A&D)	1
24	Hardness tester (Rockwell)	1
25	Pressure gauge calibrator	1
26	Levibone comparator	1
27	Apparatus for calibration vaccum gauge	1
28	Apparatus for calibration of thermometer	1
29	Apparatus for calibration of thermocouple	1
30	Apparatus to measure flopper nozzle system	1
31	Apparatus for study of on -off controller for temp. control	1
32	Apparatus for study of composition analysis using PH meter	1

DEPARTMENT OF APPLIED SCIENCE

S.No.	Name of Deptt./ Course	Name of Laboratory/ Workshop	Area of lab (sq.m)	Major Equipments
1	Applied Science	Physics Lab	232.4	Vernier caliper, screw gauge, spherometer, Gravesand's apparatus for parallelogram law of forces, Fortin's barometer, Hooke's law apparatus, thermometers, apparatus set for simple pendulum, apparatus set for cantilever, Ohm's law apparatus, apparatus set for half deflection method, mirrors, glass slabs, concave & convex lenses, resistances kits.
2		Chemistry Lab	158	Able,s flash point apparatus, digital electronic balance, desicators, hot air oven, electric hot plate, muffle furnance, Redwood viscometer, electric water bath, pH meter, TDS meter, silica crucible, general glassware & chemicals.
3		Communication lab	100.6	Computer systems, UPS , headphones .

DEPARTMENT OF ELECTRICAL ENGINEERING

List of Major equipments/facilities in each Laboratory / Workshop

➤ *Electrical Machine Lab*

S.No.	Name of Major Equipment
1	25HP Squirrel (AC) Cage I/M 400/440V, 3- ϕ , 50Hz, 1440rpm coupled with 15KW compound wound DC generator 230V, 1500rpm operated with star delta starter & shunt field regulator
2	5HP Shunt wound DC motor 220V, 1450rpm coupled with DC 3KW Shunt wound generator operated with starter & regulator
3	Dimmerstate 3- ϕ , 50Hz, 415V input 0-470 o/p
4	3- ϕ , 5KVA Double wound transformer 440/220V
5	Crompton make DC Motor, 7.5HP, 220V, 1000 rpm with starter & regulator coupled with 5KVA Alternator 400/230V, 3- ϕ , 50Hz, 1000rpm
6	Cap. Start & Cap. Run I/M, 0.5KW, 240V, 3.5A, 1425rpm, 1- ϕ
7	Universal Motor 500W, 240V AC, 5.5A, 3.2A, 240V DC, 50Hz
8	Transformer 1- ϕ , 1KVA, I/P 230V, 4.34A, O/P 230V, 4.34A
9	Transformer Oil Test Set 0-50 KV
10	Synchronous Motor 5HP with control
11	Various types of Loads - Resistive, Inductive & Capacitive
12	Various types of portable meters for measurement of AC/DC Voltage, Current, Power, Frequency, Power Factor

➤ *Electronics I/II Lab*

S.No.	Name of Major Equipment
1	PN Junction/Zener Diode Characteristics Kit
2	Rectifier Kit with Filter Circuits
3	Function Generator 2 Hz to 20MHz
4	Digital CRO
5	Transistor Characteristics kit
6	Power Amplifiers
7	Multivibrators & Op-Amps Kit

➤ *Instrumentation Lab*

S.No.	Name of Major Equipment
1	LVDT Trainer Kit
2	Digital Temperature Controller
3	Capacitive Transducer
4	Electric Strain Gauge
5	Load Cell Trainer

➤ *PLC & Micro Controller Lab*

S.No.	Name of Major Equipment
1	8051 Development Board with different applications
2	PLC Trainer Kit with 5 no. Of applications

➤ **Industrial Electronics / Digital Electronics & MicroProcessor Lab**

S.No.	Name of Major Equipment
1	Digital Lab Trainer Bread Board
2	4/8 Bit Digital to Analog Converter Trainer
3	8085 Microprocessor Training Kit with inbuilt power supply
4	Study of 8051/8031 LCD Microcontroller Training Kit with inbuilt power supply
5	Various kits for Semiconductor devices - DIAC, TRIAC, SCR, UJT
6	Illumination Control using SCR/TRIAC
7	Speed Control of DC Motor using SCR
8	Half Controlled / Fully Controlled Rectifier Circuits
9	Variable Frequency Drive to run 3- ϕ Induction Motor

➤ **FEE / EMMI Lab**

S.No.	Name of Major Equipment
1	Earth Resistance Tester
2	LCR Meter
3	Cell Tester with deviation
4	Megger
5	Various types of portable meters (Digital/Analog) for measurement of AC/DC Voltage, Current, Power, Frequency, Power Factor
6	Various types of Loads - Resistive, Inductive & Capacitive
7	Relay Test Set

➤ **Electrical Workshop I/II**

S.No.	Name of Major Equipment
1	Hand operated Winding Machine
2	Motorized Winding Machine
3	Megger Electronic Type
4	3- ϕ Contactor Control Panel
5	1- ϕ & 3- ϕ Motor
6	Digital Insulation Tester
7	Electroplating Set 20lt.
8	Underground Cable Joint kit
9	Universal Winding Machine
10	Tong Tester
11	Crimping Tool
12	Various tools/items used in the field of Electrical Engineering - Relays, Push Buttons, Switches, Drilling Machine, Screw Drivers, Pliers, Cutters, Pincer, Hammers etc.

List of Experimental Setup in each Laboratory/ Workshop

➤ *Electrical Machine Lab*

S. No.	Name of Experimental Setup
1	Crompton make DC Motor with starter & regulator coupled with Alternator connected with Synchronizing Panel to <ul style="list-style-type: none">perform Parallel Operation of Alternators & load sharingplot relationship between voltage, excitation & current of alternatordetermine regulation and efficiency of alternator from open circuit & short circuit test
2	Cap. Start & Cap. Run Induction motor to study the effect of a capacitor on starting & running of single phase induction motor
3	Synchronous Motor 5HP with control to determine the effect of variation of excitation on performance of synchronous motor
4	3- ϕ Slip ring type induction motor with starter to determine <ul style="list-style-type: none">efficiency by no load test, blocked rotor test & direct loadingeffect of rotor resistance on torque speed curve of induction motor
5	L.E.E. make series wound DC motor 5HP with starter & regulator to study the motor on no load for a moment
6	Crompton make Shunt wound DC Motor, 3HP with starter & regulator to control the speed of motor by <ul style="list-style-type: none">Armature Control MethodField Control Method

➤ *Electrical Workshop I/II*

S. No.	Name of Experimental Setup
1	3- ϕ Contactor Control Panel to perform Wiring, testing & fault finding of following circuits on 3- ϕ supply <ul style="list-style-type: none">Remote control circuitsTime delay circuitsInter locking circuitsSequential operation control circuits
2	Motorized Winding Machine for winding/re-winding of a fan
3	Electrical panel to study following domestic wiring installation <ul style="list-style-type: none">Casing & CappingConduit

DEPARTMENT OF COMPUTER ENGINEERING

Sr. No.	Name of the Lab	Name of the Machinery/ Equipment	Qty
	BIT Lab	1. Desktop Computer HP DX2480	10
		2. Desktop Computer HCL P-4	10
		3. Air Conditioner	04
		4. UPS 0.6 KVA	10
	LAB No 1	1. Desktop Computer HP 1404	04
		2. Desktop Computer HP Elite 7100/6200	11
		3. Desktop Computer HP 110-400 IL	08
		4. Data Projector Sony EX4	01
		5. Tritronic online 5KVA UPS	01
		6. HP Scanjet 2400	01
		7. Printer LBP 2900	02
		8. Air Conditioner	04
		9. N/W Switch 24port	02
	LAB No 2 & 4	1. Desktop Computer HP DX2480	10
		2. Desktop Computer HP DX2080	09
		3. IBM X3400 QCEON 2.33	01
		4. Tritronic online 5KVA UPS	01
		5. Air Conditioner	04
	LAB No 3	1. Desktop Computer DX3090	14
		2. Tritronic online 5KVA UPS	01
		3. Air Conditioner	04

DEPARTMENT OF CIVIL ENGINEERING

SR.NO	NAME OF COURSE	NAME OF LABS & W/S	MAJOR EQUIPMENTS AVAILABLE
1	Civil Engineering	Surveying Lab	Total station, Theodolite, Digital Theodolite, Techometer, Dumpy Level, Compass (surveyor & presmetic) Auto level, Plane table with Accessories and linear measuring instruments etc.
2	Civil Engineering	Construction Material	Compression Testing Machine, initial and final setting time apparatus, sieve sets for cement, fine aggregates and coarse aggregate, Vicat Apparatus, Soundness & Le Chatellier Apparatus
3	Civil Engineering	Structural Mechanics	Universal Testing Machine, Rockwell Hardness Machine, Torsion testing machine, searle's apparatus, modulus of rupture test apparatus, verification of forces in a framed structure apparatus etc
4	Civil Engineering	Fluid Mechanics	Venturimeter, Orifice meter, Bernoulli's apparatus, Pipette tube, Notch apparatus, manometer, current meter, friction in pipe apparatus etc
5	Civil Engineering	Concrete Technology	Compression Testing Machine Slump Test App. Compaction Factor test App., flexural strength test apparatus etc
6	Civil Engineering	Water supply & Waste water Engineering	B.O.D. Incubator Apparatus for Total, Dissolved, PH of water meter & Suspended apparatus for Chlorine Demand Models for demonstration of sanitory and water supply fittings etc
7	Civil Engineering	Soil & Foundation Engineering	Unconfined compression testing machine, Standard Liquid limit apparatus- Casagrand Apparatus, Direct Shear test apparatus Electrical operated sieves Shakers, Permeability test apparatus, SPT test setup, Augur bore App. etc
8	Civil Engineering	Highway Engineering	Los-Angeles Abrasion testing machine. C.B.R test app. Impact value machine Ductility & flash point test apparatus for Bitumen etc.
9	Civil Engineering	Building Construction Lab	Models of bonds in brick masonry, arches, scaffolding, footings and steel connections (beam to beam, beam to coloumn and framed structure) Various Building Materials, Like Different types of Bricks, Aggregate, Cement, Sand etc.

10	Civil Engineering	Civil Engineering Drawing lab	Civil Engineering Drawing Lab, drafting machine and tracing table etc
11	Civil Engineering	Computer Applications in Civil Engg.	Ten systems fully installed with latest civil engineering software like AutoCAD (2016 version)etc

DEPARTMENT OF Elex. & Comm. ENGINEERING

1. Analog Electronics Lab.
2. Digital Electronics Lab.
3. Communication Lab.
4. Power/Consumer Lab.
5. Instrumentation Lab.
6. Fiber Optics Lab.
7. Microprocessor Lab.
8. Project Lab.
9. Electronics Work Shop
10. NFTL Lab

(D) GAMES & SPORTS FACILITIES:

Gymnasium, Basketball, Volleyball, Badminton court, Football, Hockey, Cricket playgrounds etc.

(E) EXTRA-CURRICULAR ACTIVITIES:

Chhotu Ram Celebration, Annual Function, Talent Hunt, Quiz Contest, Debates, Poster Making, Athletic Meet, Inter-polytechnic Tournaments, NCC, Seminars, Communication Skills & Personality Development programmes, Educational & Industrial tours etc

(F) TEACHING LEARNING PROCESS:

Overhead Projectors, LCD Projectors, PPT presentation, Audio/Video CDs/Cassettes, Smart Boards, Internet facility, Communication Skill lab, language lab etc.

(G) CURRICULA AND SYLLABI FOR EACH OF THE PROGRAMMES .

Institute is following the curricula and syllabi approved by Haryana State Board of Technical Education and the same is displayed on the departmental website www.hsbte.org.in

(H) ACADEMIC CALENDAR:

Academic Calendar is followed as given by HSBTE, Panchkula and the same is displayed on the departmental website www.hsbte.org.in

(I) ACADEMIC TIME TABLE:

Academic time table is already displayed on the college website.

(J) TEACHING LOAD:

DEPARTMENT OF MECHANICAL ENGINEERING Teaching Load of Each Faculty

S.No.	Name of Faculty	Subject Name	Load		Total
			Theory	Practical	
1.	Susheel Balyan HOD Mechanical	1. Entrepreneurship Development and Management	3	-	19
		2. Project	-	14	
		3. Soft Skills	-	2	
2.	D.S.Nandal Workshop Supdt.	1. Inspection and Quality Control	3	4	22
		2. Project	-	14	
		3. Soft Skills	-	1	
3.	Sonu Nandal Lecturer	1. Automobile Engg.	3	4	19
		2. Employability Skills Lab	-	4	
		3. Thermodynamics-I	3	4	
		4. Soft Skills	-	1	
4.	Monu	1 Industrial Engg(6 th Sem)	3	-	13
		2. Hydraulics & Pneumatics	3	4	
		3. Industrial Engg(4 th Sem)	3	-	
5.	Seema Hooda	1. Strength of Materials	3	4	16
		2. Workshop Technology-II	3	-	
		3. Applied Mechanics	2	4	
6.	Vivek Deswal	1. Automobile Engg. Lab	-	2	10
		2. Strength of Materials Lab	-	4	
		3. CAD Lab	-	3	
		4. Soft Skills	-	1	
7.	Sudeep	1. Thermodynamics Lab	-	2	9
		2. Hydraulics & Pneumatics Lab	-	4	
		3. Engg. Graphics	-	3	

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
Teaching Load of Each Faculty

S.No	Name Of Faculty	Subject Name	Theory	Practical	Total
1.	Jai Kanwar	NFTL	03	03	06
2.	Sukhbir kinha	WMC	03	03	15
		Major Project	---	09	
3.	Dr. Sitender	Medical Electronics	03	03	12
		Power Electronics	03	03	
4.	Navinder Malik	MPD	03	02	11
		Microprocessor	03	03	
5.	Alok Kumar	Medical Electronics	03	03	18
		Micro & PLC	04	04	
		FEE	-----	04	
6.	Ashima Singh	FEE	04	04	14
		Communication System	03	03	

Plastics Tech.Deptt
Teaching load of each faculty

Sr. No.	Name	Designation	Teaching load
1	Mr. Rajiv Sharma	Sr. Lecturer	13
2	Mr. Keshak Babu	Lecturer	18
3	Mr. Pardeep Kumar	W/I	18
4	Mr. Aditya Bhatnagar	L/I	20
5	Mr. Deepak Dhankhar	Lect.(GF)	18
6	Mr. Neeraj Dahiya	Lect.(GF)	18

DEPARTMENT OF APPLIED SCIENCE
Teaching Load of Each Faculty

S.No.	Name of Faculty	Subject Name	Load		Total
			Theory	Practical	
1	Ashok Deswal	Physics	08		08
2	Neelam malik	English	06	08	14
3	Saveen	Mathematics	15		15
4	Dinesh Nandal	Physics	16		16
5	Manisha Hooda	Chemistry	14		14
6	Ijja	English	06	16	22
7	Seema rani	Physics		24	24
8	Rinku Rani	Chemistry		18	18
9	Monika	Mathematics	15		15

DEPARTMENT OF ELECTRICAL ENGINEERING
Teaching Load of Each Faculty

S.No.	Name of Faculty	Subject Name	Load		Total
			Theory	Practical	
1	Kiran Chawla	Utilization of Electrical Energy	05	-	13
		Electrical Machine-I	04	04	
2	Parveen Dahiya	Electrical Power-II	04	04	16
		EMII	04	04	
3	K.K. Bisla	Energy Management	04	-	14
		Utilization of Electrical Energy	04	-	
		Major Project Work	-	06	
4	HansRaj	Digital Electronics	04	04	15
		EDM	03	-	
		Major Project Work	-	04	
5	Guest Faculty	EED & D	-	06	17
		Employability Skills	-	02	
		FEE	02	04	
		Soft Skills	-	03	

DEPARTMENT OF COMPUTER ENGINEERING
Teaching Load of Each Faculty

Sr. No.	Name	Designation	Teaching load
1	Mr. Parveen Kohar	H.O.D	8
2	Mr. Ravinder Rathee	Sr.Lecturer	13
3	Ms.Priyanka	Lecturer	18
4	Ms.Ajeta Nandal	Lecturer	18
5	Mr.Ashok Maan	W/I	15
6	Mr.Shashi Kumar	W/I	15
7	Ms.Keerti	Jr.Prog.	19
8	Mr. Dalvir	L/I	19
9	Ms.Poonam	L/I	19

DEPARTMENT OF CIVIL ENGINEERING
Teaching Load of Each Faculty

Sr. No.	Name	Designation	Teaching load
1	Mr. Subash Dahiya	H.O.D	13
2	Mr. Sanjeev Sangwan	Sr.Lecturer	16
3	Mr.Surender Nandal	Lecturer	12
4	Mr.Dalbir Singh	Lecturer	15
5	Mr.Ravi Nandal	Lecturer	27
6	Mr.Vikas Narwal	L/I	26
7	Mr. Amarjeet	L/I	21
8	Mr. Balraj	D.M	06

15.ENROLLMENT OF STUDENTS IN THE LAST THREE YEARS.

It is mentioned in point no.10

16. EXTENSION OF APPROVAL

It is already displayed on the college website.

17.ACCOUNTED AUDITED STATEMENT

2015-16

N.C.GARG & CO.,
Chartered Accountants

MAL GOODAM ROAD,
ROHTAK – 124001
Tel. No: 01262- 268051,269051

CHHOTU RAM POLYTECHNIC ROHTAK
STATE NON-PLAN
UTILISATION CERTIFICATE

Certified that the Chhotu Ram Polytechnic, Rohtak has utilized Rs. 2,53,20,802/- (Rs. Two crore fifty three lac twenty thousand eight hundred and two only) during the year **2015-16** against the grant of Rs.2,70,00,000 (Rs. Two crore seventy lac only). Sanctioned and released by the Govt. of Haryana, Technical Education Department , Panchkula as per details given below:-

Grant received during the year 2015-16

Govt. letter No.	Dated	Amount
35/09/2011 – 2TE	16.04.2015	44,50,000.00
35/09/2011 – 2TE	24.07.2015	35,60,000.00
35/09/2011 – 2TE	04.11.2015	44,50,000.00
35/09/2011 – 2TE	20.01.2017	53,40,000.00
35/09/2011 – 2TE	30.03.2016	92,00,000.00
Total		2,70,00,000.00

1. Total Expenditure	Rs. 2,63,92,467.00
2. Less Income:	
(a) Interest on grant	Rs. 73,487.00
(b) Other income	Rs. 9,98,178.00
3. Net Deficit	Rs. 2,53,20,802.00
(a) 5% Society share	Rs. 12,66,040.00
(b) 95% state Govt. share	Rs. 2,40,54,762.00
4. Opening Balance as on 1.4.2015	Rs. 0.00
5. Grant Received	Rs. 2,70,00,000.00
6. Total Fund Available	Rs. 2,70,49,748.82
7. Less 95% State Govt. Share	Rs. 2,40,54,762.00
8. Unspent Balance as on 1.4.2016	Rs. 29,45,238.00

It is certified that the grant has been utilized for the purpose for which it was sanctioned and expenditure incurred includes the institute's share @ Rs.5% for recurring items.

Also certified that:-

The condition of grant-in-aid stated above have been fulfilled.

The certificate is issued after verification of the statement of accounts of institution.

For N.C.GARG & Co.,
Chartered Accountants

Place: Rohtak

Dated:

(N.C.GARG),F.C.A
(M.No.010894)

2016-2017

N.C.GARG & CO.,
Chartered Accountants

MAL GOODAM ROAD,
ROHTAK – 124001
Tel. No: 01262- 268051,269051

CHHOTU RAM POLYTECHNIC ROHTAK
STATE NON-PLAN
UTILISATION CERTIFICATE

Certified that the Chhotu Ram Polytechnic, Rohtak has utilized Rs. 5,56,88,323,00/- (Rs. Five crores fifty six lakh eighty eight thousand three hundred three only) during the year **2016-17** against the grant of Rs.5.50.00.000 (Rs. Five crores fifty lakh only). Sanctioned and released by the Govt. of Haryana, Technical Education Department, Panchkula as per details given below:-

Grant received during the year 2016-17

Govt. letter No.	Dated	Amount
35/39/16 – 4TE	27.04.2016	1,37,50,000.00
35/39/16 – 4TE	27.07.2016	1,37,50,000.00
35/39/16 – 4TE	16.12.2016	1,10,00,000.00
35/39/16 – 4TE	22.02.2017	1,65,00,000.00
Total		5,50,00,000.00

9. Total Expenditure	Rs. 5,81,55,440.00
10. Less Income:	
(c) Interest on grant	Rs. 2,53,382.00
(d) Other income	Rs. 22,13,735.00
11. Net Deficit	Rs. 5,56,88,323.00
(c) 5% Society share	Rs. 27,84,416.00
(d) 95% state Govt. share	Rs. 5,29,03,907.00
12. Opening Balance as on 1.4.2016	Rs. 1,99,49,748.82
13. Grant Received	Rs. 5,50,00,000.00
14. Total Fund Available	Rs. 7,49,49,748.82
15. Less 95% State Govt. Share	Rs. 5,29,03,907.00
16. Unspent Balance as on 1.4.2017	Rs. 2,20,45,841.82

It is certified that the grant has been utilized for the purpose for which it was sanctioned and expenditure incurred includes the institute's share @ Rs.5% for recurring items.

Also certified that:-

The condition of grant-in-aid stated above have been fulfilled.

The certificate is issued after verification of the statement of accounts of institution.

For N.C.GARG & Co.,
Chartered Accountants

Place: Rohtak