



HYPEX Technology Pvt. Ltd.

Why Training with HYPEX Technology :

Expansion of technical institutions has certain disadvantages and one of them is besides having good academic knowledge students lack in practical and professional skills. We HYPEX Technology Private Limited help students to be practically and professionally sound and also motivate them to be frank and used to towards solving real life problems. We are trying to bridge the gap between academic and professional career growth. Our expert, experienced professionals are well versed in their respective domain. We are a team dedicated to give our best to shape the future of students.

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* T&C Application

STATE BOARD OF TECHNICAL EDUCATION, BIHAR
Scheme of Teaching and Examinations for
V SEMESTER DIPLOMA IN ELECTRONICS ENGINEERING
(Effective from Session 2016-17 Batch)

THEORY

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME							Credits	
				Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks (A)	Class Test(CT) Marks (B)	End Semester Exam. (ESE) Marks (C)	Total Marks (A+B+C)	Pass Marks ESE		Pass Marks in the Subject
1.	Microprocessor & Applications	1621501	03	03	10	20	70	100	28	40	03	
2.	Electronics Measurement – II	1621502	04	03	10	20	70	100	28	40	03	
3.	Radio & Telecommunication System	1621503	03	03	10	20	70	100	28	40	03	
4.	Power Electronics	1621504	04	03	10	20	70	100	28	40	03	
5.	Television Engineering	1621505	03	03	10	20	70	100	28	40	03	
Total:- 17								350	500			

PRACTICAL

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME					Credits	
				Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)		Pass Marks in the Subject
						Internal (A)	External (B)			
6.	Radio & T.V. Engineering Lab.	1621506	06	04	15	35	50	20	03	
7.	Digital Electronics & M.P. Lab.	1621507	06	04	15	35	50	20	03	
Total:-				12			100			

TERM WORK

Sr. No.	SUBJECTS	SUBJECT CODE	TEACHING SCHEME	EXAMINATION – SCHEME				Credits
				Periods per week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	
8.	Power Electronics - TW	1621508	04	15	35	50	20	01
9.	In plant training and Visit to Works - TW	1621509	4 weeks continuous	30	70	100	40	02
Total:-				04		150		
Total Periods per week Each of duration One Hours				=	33		Total Marks = 750	24

INPLANT TRAINING AND VISIT TO WORKS

Subject Code 1621509	Term Work		No of Period in one session :		Credits 02	
	No. of Periods Per Week		Full	:		10
	L	T	P/S	:		30
	4 Weeks		External	:		70
		Continues				

Rationale :

A student is required to develop his knowledge skill and attitudes gained while joining through different course. It is desirable to expose the students to the world of work to be familiar with the real life situations and understand the problem there in. The "In plant training and visit to work "being introduced for the final year part time diploma technicians for Electronics Engineering with the above objective in view. This course will help the students to observe how the technical, managerial, quality control safety and other principle, are being applied in real life situation. They will be able to observe the technique of decision making on the shop floor. He will also, be able to observe the technique of decision making on the shop floor. He will, also be able to observe how his sub-ordinate perform in their day to day work and co-ordinate shop floor activities. The course will also, help bring attitudinal changes in a student.

Objective:

A student will be able to:

- Understand the working of the machines, tools and equipments more clearly.
- Write down the specifications of the machines, tools, equipments.
- Know the process of material storing / material management.
- Learn to maintain office records / filing.
- Know the process of planning, implementation and monitoring.
- Learn the skill shop floor co-ordination.

- Know the skill of office management and inventory Control.
- Understand the process of production.
- Know the skill of quality control.
- Know the organizational set-up and plant Lay-out.
- Find out Characteristics, Functions, and activities of those industries.
- Find out opportunities and method of recruitments.
- Know the source of raw materials and markets for industries.
- Find out the special characteristics of the industries.
- Observe and understand special machines, which they may not have been in their institutes.
- Observe the energy consumption in on industry method to same energy.
- Try to learn techniques to save energy.
- Observe the environment Pollutants and learn how to minimize environmental Pollutio

Student should preferably visit and undergo training in the following industries:-

	Contents : Term Work	Hrs/week	Marks
Unit-1	Microwave Tower Stations.		
Unit-2	Radio Stations.		
Unit-3	T. V. Stations.		
Unit-4	Telephone Exchange.		
Unit-5	Railway Signaling System Station.		
Unit-6	Wireless Transmission & Distribution System.		
Unit-7	Any other Industry which may be useful to the electronics Engineering technicians and are comfortably situated.		

REPORT WRITING:

A report on "In Plant Training" should include

Introduction.

Plant Lay-out and organization. Planning for

Product/Maintenan

ce/Repair. Shop floor training.

Testing and quality control facility.

Special observations which are special characteristics of the plant viz. material storing etc.

Conclusion-

-Observations

-Typical Characteristics

-Area of Weakness

-Suggestions

SCHEDULE FOR TRAINING:

- | | | | |
|---|--------------------------------|---|-----------|
| • | Planning/Office Management | - | One Week |
| • | Shop floor | - | Two Weeks |
| • | Testing/Quality Control/Stores | - | One Week |

The report on visit to works should be presented and assessed in the form of Seminar.