



# 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 COMPUTER SCIENCE & 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	
1.	System Maintenance	1618501	03	03	10	20	70	100	28	40	03
2.	Data Communication & Networking	1618502	03	03	10	20	70	100	28	40	03
3.	Internet & Web Technology	1618503	03	03	10	20	70	100	28	40	03
4.	Software Engineering	1618504	03	03	10	20	70	100	28	40	03
5.	JAVA	1618505	03	03	10	20	70	100	28	40	03
<b>Total:- 15</b>							<b>350</b>	<b>500</b>			

**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.	Data Communication & Network Lab	1618506	06	03	15	35	50	20	02	
7.	Internet & Web Technology Lab	1618507	06	03	15	35	50	20	02	
8.	System Maintenance Lab	1618508	06	03	15	35	50	20	02	
<b>Total:-</b>				<b>18</b>			<b>150</b>			

**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)	
9.	In Plant Training & Visit to Works -TW	1618509	4 weeks continuous	30	70	100	40	03
<b>Total:-</b>						<b>100</b>		
Total Periods per week Each of duration One Hours = 33						<b>Total Marks = 750</b>	<b>24</b>	

**IN PLANT TRAINING AND VISIT TO WORKS - TW**

Subject Code <b>1618509</b>	Term Work			No of Period in one session :			Credits <b>03</b>
	No. of Periods Per Week			Full Marks			
	L	T	P/S	Internal	:	100	
	—	—	4 week Continues	External	:	30	
				:	70		

**Rationale:**

A student is required to develop a skill to synthesize his knowledge, skill and attitudes gained while going through different courses. So, it is essential to expose the students to the world of work to be familiar with the real life situations and understand the problem there in.

**Objective:**

So, "In plant training and visit to work" is introduced to place the students in actual work situations for stipulated period with the objectives:-

- To understand and conceptualize the subject based knowledge given in class room in the context of its application st work places.
- To develop understanding regarding the nature of activities, size and scale of operations & environments in which they are going to work.

- To understand how the technical, managerial, quality control, safety & other principles are being applied in real life situations.
- To know how a supervisor / technician perform day to day work and co-ordinate shop floor activities.
- To develop confidence amongst them to use and apply institute based knowledge and skills to solve practical problems in world of work.
- Develop interpersonal relationship, communication skill and positive attitudes.

#### CONTENTS

The industries / organisations for industrial training / visit should be decided by institute faculty in consultation with respective industrial establishment. It is necessary that each organization is visited well in advance and activities to be performed by students are well defined. The chosen activities should be of curricular interest to students and of professional value to industrial / field organizations. Efforts should be made to provide opportunities of task oriented or problem solving oriented to students. Students are to prepare report of work done by them.

The report should include the followings:-

Contents : Practical		Hrs/week	Marks
Unit -1	Introduction		
Unit -2	Types of industries.		
Unit -3	Location.		
Unit -4	Organisation Structure		
Unit -5	Technical Details.		
Unit -6	Marketing & Marketing Details.		
Unit -7	Man Power & its Management.		
Unit -8	Performance Details		

Unit -9	Future Programme		
Unit -10	Conclusion- <ul style="list-style-type: none"> <li>- Observations</li> <li>- Typical Characteristics</li> <li>- Area of Weakness</li> <li>- Suggestions</li> </ul>		
	Others-As introduced by faculty.		

It is advisable that the students may be assured both by Industry & Institute faculty. The suggested performance criteria for continuous assessment is given below:-

Activity	Weightage in %
Punctuality & Regularity	- 10 %
Initiative in learning / working at site	- 05 %
Level / proficiency of practical skills acquired	- 20 %
Sense of responsibility	- 10 %
Self Expression / Communication Skill	- 10 %
Interpersonal Skills / Human relations	- 05 %
Report Writing Skills	- 25 %
Viva Voice	- 15 %