ST. XAVIER'S TECHNICAL INSTITUTE

To Nurture the Joy of Excellence in the World of High Technology

CURRICULUM FOR INDUSTRIAL TRAINING

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00	13 April 2025	INDUSTRIAL TRAINING	JN	VRR	SBG

EXECUTIVE SUMMARY

Objectives of Industrial Training to be included as a part of curriculum:

The Industrial Training program will bridge the gap between academic knowledge and industrial practices by providing students with real-world exposure and hands-on experience.

The key objectives are:

- To provide practical exposure to industrial processes, workflows, and working environments.
- To enable students to understand the real-time functioning of industries and organizational structures.
- To develop technical skills by applying theoretical knowledge to practical situations.
- To enhance communication and interpersonal skills through interaction with industry professionals.
- To build confidence, discipline, and professional attitude among students.
- To develop problem-solving and decision-making abilities in real industrial scenarios.
- To familiarize students with industrial safety standards, ethics, and work culture.
- To improve employability by gaining relevant industry experience and workplace readiness.
- To encourage teamwork and collaborative working practices.
- To provide insight into current industrial technologies, tools, and practices.

Curriculum Development Committee Members

Sr. No.	Faculty Members	Role of Faculty	Signatures
1	Dr. Janani Natarajan	Subject Expert	
2	Dr. Vijay Rathod	Subject Expert	

Course Code	Course Title		Course Type	Semester
23601		**INDUSTRIAL TRAINING**	**INP**	**6**

Learning Scheme						Assessment Scheme										
Actual Contact Hrs./Week			SLH	NLH	CREDITS	THEORY				PRACTICAL				SLA		**Total**
								Total		**FA**		**SA**				
CL	TL	LL				**FA**	**SA**	Max	Min	Max	Min	Max	Min	Max	Min	
---	---	40	---	---	**32**	---	---	---	---	**200**	80	**200**	80	---	---	**400**

1) Theory paper duration 3 hrs.
2) Theory paper assessment is Internal and External.
3) The assessment of Practical is Internal and External.
4) Formative Assessment (Theory)out of 30 marks is average of 2 periodical tests (PT).
5) The assessment of Self Learning (SLA) is Internal.

RATIONALE:

It is of utmost importance that the student gets exposure to the environment and working conditions in industry. This subject is classified under the Applied Technology category. It is of utmost importance that the student gets exposure to the environment and working conditions in industry.

For this purpose, the Institute has introduced the mandatory internship of 20 to 24 weeks, for all the students, after the fifth semester examinations (entire sixth semester). The students are placed in various industries / companies in various departments where they are exposed to actual work environment, enabling them to learn various aspects of the functioning of the industry as well as interacting and communicating with people associated with the industry.

The objective of internship programme is to instill confidence among students and build their personality, as well as gain work experience in a real-time industry environment.

It has total weight age of **twenty-four credits**, and the assessment is based on the performance of the student, other traits like punctuality and attendance, and also feedback from the industry as well as the report submitted by the student. This assessment of term work / presentation is internal, ESA external.

COURSE OUTCOMES ::--

Semester	6	Subject	**INDUSTRIAL TRAINING**
CO 601		13th Course in Third Year	
CO 601.1		Enable to learn various aspects of the functioning of the industry	
CO 601.2		Enable to interact and communicate with people associated with theindustry	
CO 601.3		Develop confidence among students	
CO 601.4		Build personality among students	
CO 601.5		Gain work experience in a real-time industry environment	
CO 601.6		Expose to the environment and working conditions in industry	

Mapping of Course outcomes (COs) to Program outcomes (POs)

SEM VI	INDUSTRIAL TRAINING								
	13th COURSE IN THIRD YEAR								
CO 601	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PSO1**	**PSO2**
CO 601.1	**2**	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**1**
CO 601.2	**2**	**3**	**3**	**3**	**3**	**3**	**3**	**1**	**--**
CO 601.3	**2**	**--**	**3**	**3**	**3**	**3**	**3**	**--**	**--**
CO 601.4	**2**	**--**	**3**	**3**	**3**	**3**	**3**	**1**	**--**
CO 601.5	**2**	**--**	**3**	**3**	**3**	**--**	**3**	**3**	**2**
CO 601.6	**2**	**--**	**3**	**3**	**3**	**--**	**3**	**3**	**1**
CO TOTAL	**18**	**06**	**18**	**18**	**18**	**12**	**18**	**9**	**4**
CORRELATION LEVEL	**3**	**1**	**3**	**3**	**3**	**2**	**3**	**2**	**1**

Table To Decide Correlation Levels

CO SUM TOTAL	0, 1, 2	3, 4, 5, 6, 7, 8	9, 10, 11, 12, 13, 14	15, 16, 17, 18
CORRELATIONLEVEL	0	1	2	3