



# Shri Vaishnav Vidyapeeth Vishwavidyalaya

## Shri Vaishnav Institute of Technology and Science

### B.Tech in Agricultural Engineering

#### SEMESTER VII

(2019-2023)

COURSE CODE	CATEGORY	COURSE NAME	L	T	P	CREDITS	TEACHING & EVALUATION SCHEME				
							THEORY		PRACTICAL		
							SEM University	Two Term Exam	Teachers Assessment*	SEM University	Teachers Assessment*
BTAE701	DCS	In Plant Training (IPT)/ Industrial Attachment/ Internship (Student READY)	0	0	20	10	0	0	0	60	40

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.

\***Teacher Assessment** shall be based following components: Quiz/Assignment/Project/Participation in Class.


#### Student 'READY' Programme (Rural Entrepreneurship Awareness Development Yojana)


The Hon'ble Prime Minister of India launched 'Student READY' programme on 25th July 2015. The term 'READY' refers to "Rural Entrepreneurship Awareness Development Yojana".

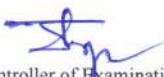
To reorient graduates of agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture, the component envisages the introduction of the programme as an essential prerequisite for the award of degree to ensure hands on experience and practical training.

#### The components of 'READY':

- Rural Agricultural Work Experience (RAWE) &
- In-Plant Training/Agro Industrial Attachment (AIA)

  
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- Experiential Learning / Hands on Training
- Skill Development Training
- Students Project


Fifth Deans' Committee has recommended for under graduate program of **B.Tech (Agricultural Engineering)** In-Plant Training/Agro Industrial Attachment (AIA) programme, Experiential Learning / Hands on training (HoT), Skill Development Training-II and Educational Tour in VII<sup>th</sup> semester of the programme.

#### **In-Plant Training/Agro Industrial Attachment (AIA)**

Technology and globalization are ushering an era of unprecedented change. The need and pressure for change and innovation is immense. To enrich the practical knowledge of the students, **in-plant training is mandatory in the VII<sup>th</sup> semester for period of 10 weeks.** In this training, students will have to study a problem in industrial perspective and submit the reports to the university. Such in-plant trainings will provide an industrial exposure to the students as well as to develop their career in the high tech industrial requirements. In-Plant training is meant to correlate theory and actual practices in the industries with the following objectives:

  
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BTAE701	DCS	In Plant Training (IPT)/ Industrial Attachment/ Internship (Student READY)	0	0	20	10	0	0	0	60	40


- To expose the students to Industrial environment, this cannot be simulated in the university.
- To familiarize the students with various Materials, Machines, Processes, Products and their applications along with relevant aspects of shop management.
- To make the students understand the psychology of the workers, and approach to problems along with the practices followed at factory
- To make the students understand the scope, functions and job responsibility-ties in various departments of an organization.
- Exposure to various aspects of entrepreneurship during the program period.


#### In Plant Training


The students shall involve themselves in the activities and tasks during Agro- Industrial attachment for 10 Weeks duration viz.

1. Acquaintance with industry and staff.
2. Study of structure, functioning, objective and mandates of the industry.
3. Study of various processing units and hands-on trainings under supervision of industry staff.

  
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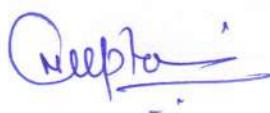
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BTAE701	DCS	In Plant Training (IPT)/ Industrial Attachment/ Internship (Student READY)	0	0	20	10	0	0	0	60	40

4. Ethics of industry.
5. Employment generated by the industry.
6. Contribution of the industry promoting environment.
7. Learning business network including outlets of the industry.
8. Skill development in all crucial tasks of the industry.
9. Documentation of the activities and task performed by the students.
10. Performance evaluation, appraisal and ranking of students.

  
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BTAE702	DCS	10- weeks Experiential Learning On campus (Student READY)	0	0	20	10	0	0	0	60	40

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.

\***Teacher Assessment** shall be based following components: Quiz/Assignment/Project/Participation in Class.


#### Experiential Learning Programme (ELP)/ Hands on Training (HoT) (10- weeks)

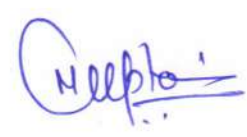
Experiential Learning means that learning and development are achieved through personal involvement, typically in group, by observation, study of theory or hypothesis and bring in innovation or some other transfer of skills or knowledge. Experiential learning is a business curriculum - related endeavor which is interactive. Experiential Learning is for building or reinforcing skills in project development and execution, decision making, individual and team coordination, approach to problem solving, accounting, marketing and resolving conflicts etc. The programme induces movement and motivation in students to explore and discover their own potential and infuses confidence in them.


#### Objective:


The main objectives are:

1. To promote professional skills and knowledge through meaningful hands on experience.
2. To design and execute project work.
3. To build confidence and to work in project mode.
4. To acquire enterprise management capabilities to start one's own enterprise.
5. To be industry read for employability.

  
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BTAE703	DCS	Skill Development Training-II (Student READY) Registration only	0	0	10	5	0	0	0	60	40

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.

\***Teacher Assessment** shall be based following components: Quiz/Assignment/Project/Participation in Class.


#### Course Objectives:


1. Experiential Learning (EL) with business mode helps the student to develop competence, capability, capacity building, acquiring skills, expertise, and confidence to start their own enterprise and turn job creators instead of job seekers.
2. The students will be able to understand the meaning of Entrepreneurship.
3. To develop the confidence of the students.
4. Awareness about skill development program.
5. Adequate knowledge about new business development process.


#### Course Outcomes:

1. Student will able to understand the new business model.
2. Student will able to understand about agriculture business.
3. Student will able to understand various types of training program related to domain.
4. Student will learn the various skills sets in entrepreneurship.
5. Student will learn problem solving skills.

The Hon'ble Prime Minister of India launched 'Student READY' programme on 25th July 2015. The term 'READY' refers to "Rural Entrepreneurship Awareness Development Yojana". Student READY skill development training – I programme is a new initiative of Indian Council of Agricultural Research to reorient graduates of Agriculture and allied subjects for ensuring and assuring employability and develop entrepreneurs for emerging knowledge intensive agriculture. This programme includes five components i.e. Experiential Learning, Rural Awareness Works Experience, In-Plant Training / Industrial attachment, Hands-on training (HOT) / Skill development training and Students Projects.

  
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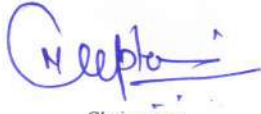
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BTAE704	DCS	Educational Tour (Registration Only)	0	0	4	2	0	0	0	60	40


**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P – Practical; C - Credit.


\***Teacher Assessment** shall be based following components: Quiz/Assignment/Project/Participation in Class.

Students Study & Educational Tours: Student study and educational tours, to well-known institutions and organizations and interactions with their faculties/managers, help students broaden their knowledge and skills.

  
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