



## Report on SSIP Workshop

### Idea, Innovation & Implementation (I3) using IoT - “Agriculture Perspective”

Date: 22-03-2024

Coordinator of the Event	:	Dr. Ashish Pandya, Prof. Pinkesh Patel
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Date of the event	:	16-03-2024 to 17-03-2024
Time Duration	:	9:00 AM to 4:30 PM
Venue	:	Seminar Hall, DDU & EC LAB-1
No. of Participants	:	60
Event Description	:	The objectives of this workshop are as follows: <ul style="list-style-type: none"><li>• Provide participants with a comprehensive understanding of Internet of Things (IoT) technology in the context of agriculture.</li><li>• Explore the potential benefits of integrating IoT in agricultural practices for improved efficiency, resource optimization, and yield enhancement.</li><li>• Conduct practical sessions where participants can interact with IoT devices and sensors relevant to agriculture.</li><li>• Demonstrate participants in developing a roadmap for implementing IoT solutions in agricultural settings.</li><li>• Discuss case studies and successful examples of IoT applications in agriculture to inspire participants and provide real-world context.</li><li>• Guide participants in the development of IoT prototypes tailored to address specific agricultural challenges identified earlier.</li></ul>



Photographs:



**Total Participants:**  
60

**Inauguration**

**Dignitaries on Dias**

<b>Dean, FoT</b>	: Prof. (Dr.) Vipul A. Shah
<b>Convener</b>	: Prof. (Dr.) Purvang Dalal
<b>Session Expert</b>	: Dr. Sarvesh shah
<b>Faculty Co-ordinator</b>	: Dr. Ashish Pandya Prof. Pinkesh Patel



**Inauguration**



Dharmsinh Desai University  
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**Expert Talk**  
By  
**Dr. Sarvesh Shah**



**Expert**

**“Scope of Design & Development of Agriculture Sensors”**



**Expert Talk**  
By  
**Mr. Kashyap Joshi**

**Expert**

Day	Water level	pH level	Temperature
Day 1	100%	6.5	25°C
Day 2	95%	6.8	26°C
Day 3	90%	7.0	27°C
Day 4	85%	7.2	28°C
Day 5	80%	7.5	29°C
Day 6	75%	7.8	30°C
Day 7	70%	8.0	31°C
Day 8	65%	8.2	32°C
Day 9	60%	8.5	33°C
Day 10	55%	8.8	34°C

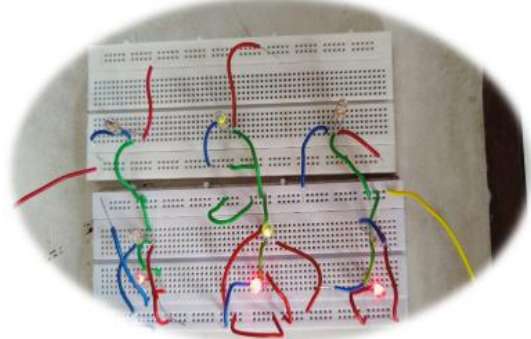
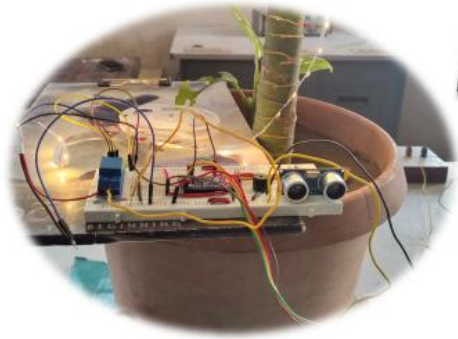

**“Design & Development of Hydroponic based Efficient vertical farming Technique”**

**Hands-On Sessions**

**Glimpse**



*Hands-On Sessions*



**Glimpse**

**\* Implementation by Participants**